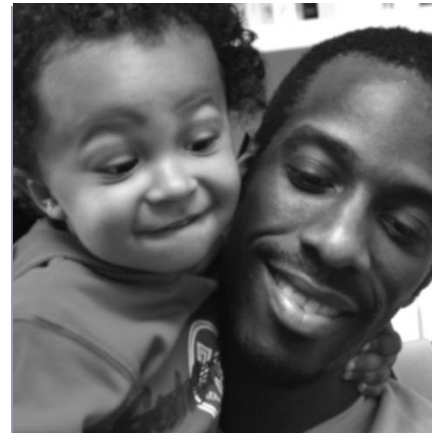




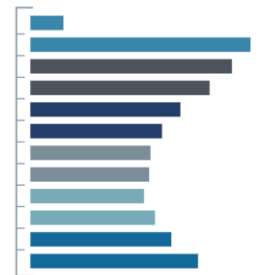
Demographic changes that are transforming our state, with a focus on Greater Minnesota



For the Minnesota Agriculture and Rural Leadership Program
Willmar, MN

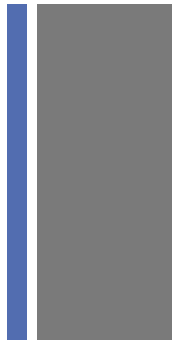
Andi Egbert, Assistant Director
Minnesota State Demographic Center

NOVEMBER 13, 2014

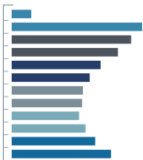




What is the role of the MN State Demographic Center?



- Serve as a liaison to the Census Bureau and assist with the decennial census counts
- Create MN population estimates and projections
- Analyze, interpret and distribute data from the state, U.S. Census Bureau and other sources
- Offer data and technical assistance to legislators, all levels of government, organizations and citizens across the state
- Monitor trends and help MN to make data-informed decisions

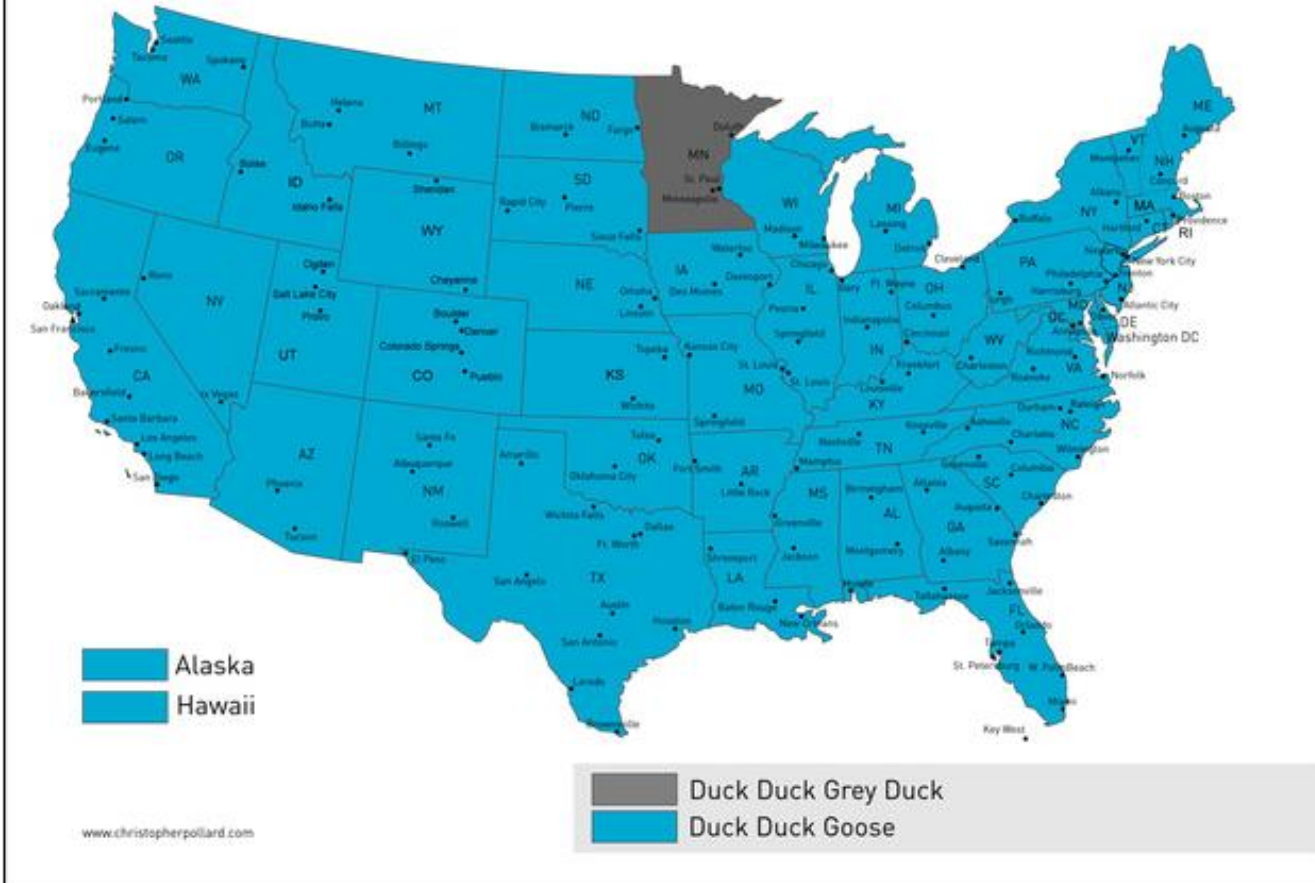




We love graphs and maps

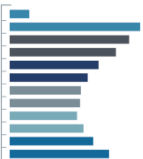


Duck Duck Grey Duck vs. Duck Duck Goose - State By State - 2013



christopherpollard.com

Source: <http://www.buzzfeed.com/katieheaney/youve-been-playing-duck-duck-goose-wrong-your-whole-life>





Major demographic trends
for Minnesota



Population Shifts



QUIZ QUESTION

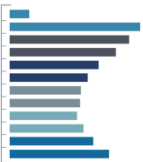
During the 2000s decade, how many of Minnesota's 87 counties gained population?

A. 20

B. 30

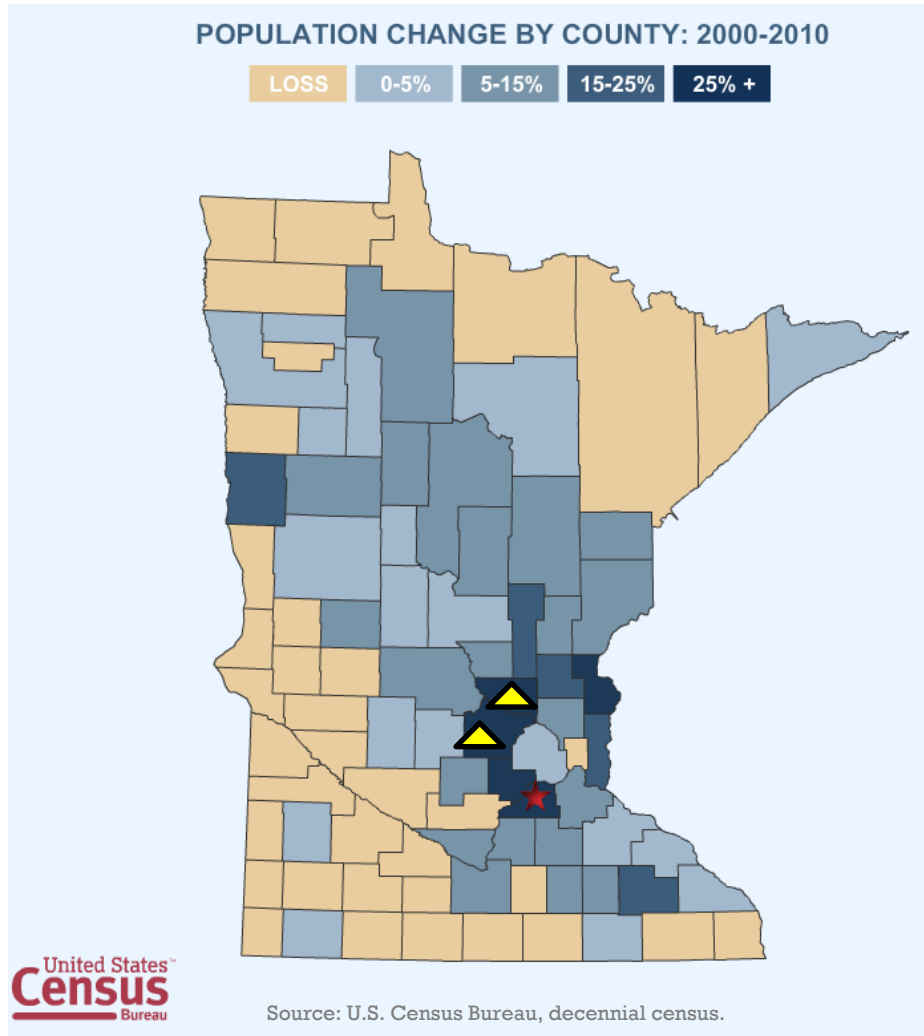
C. 40

D. 50



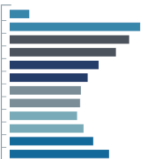


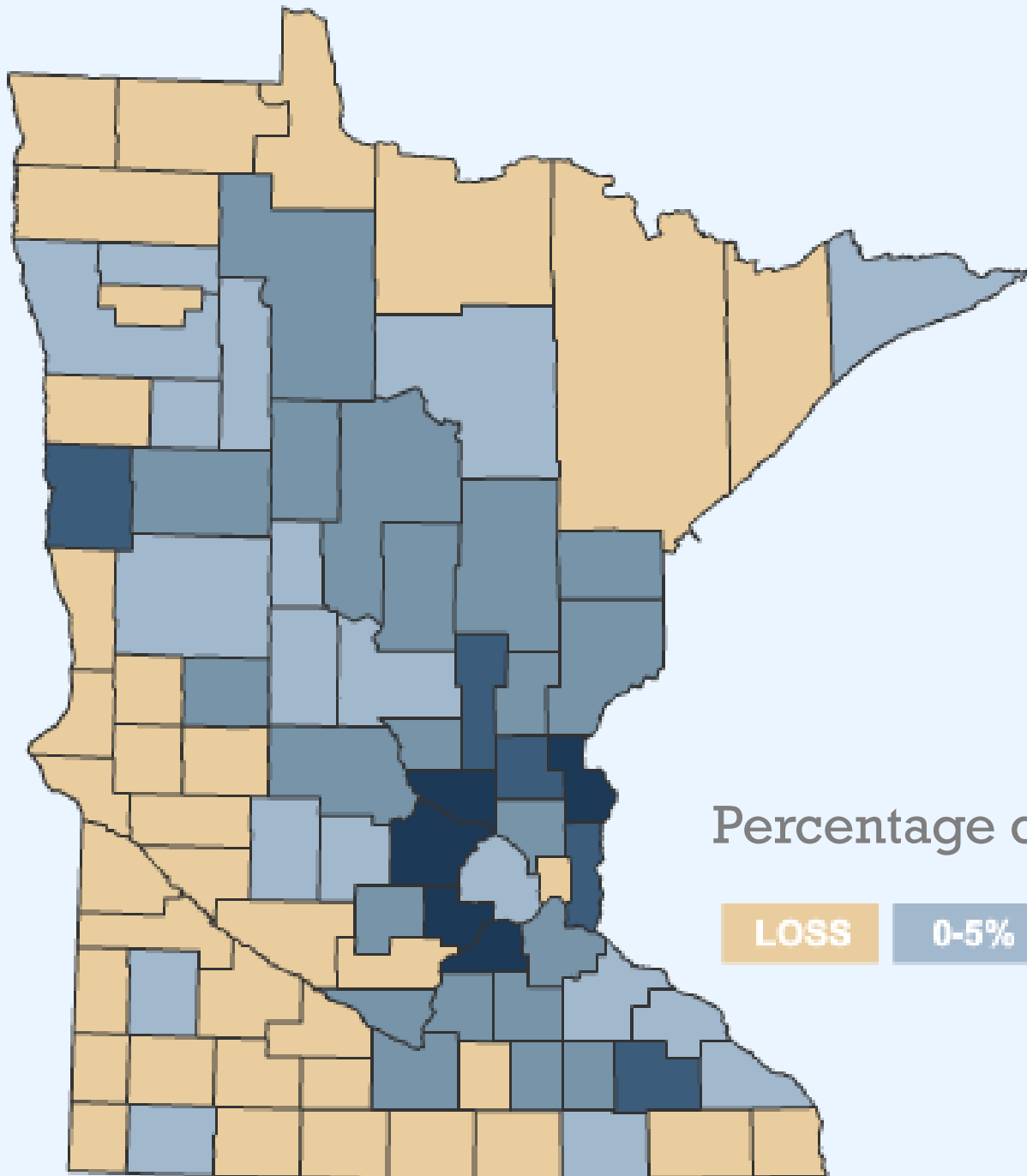
Population shifts during last decade (2000s)



■ Greatest growth in was in counties that ring the TC metro, as well as growth in a diagonal pattern across the state

- Scott=45% growth! ★
- Sherburne (37%) and Wright (39%) ▲





Percentage change 2000-2010

LOSS

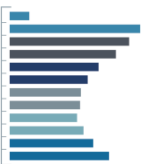
0-5%

5-15%

15-25%

25% +

Source: U.S. Census Bureau, decennial census.

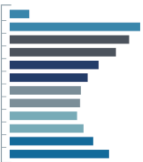




QUIZ QUESTION

Between 2010 and 2013, how many of Minnesota's 87 counties gained population?

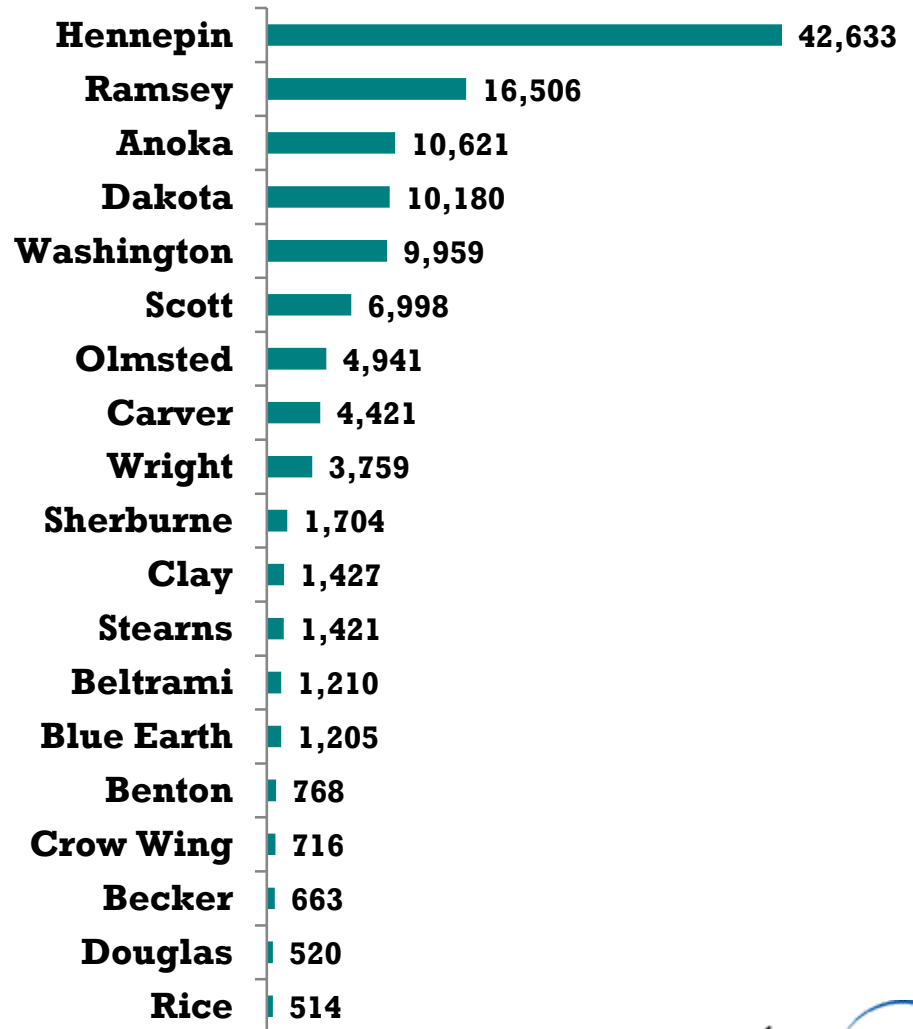
- A. 38
- B. 48
- C. 58
- D. 68



Since 2010 greatest absolute growth in Hennepin and Ramsey Counties

Source: U.S. Census Bureau, 2010 census,
and MN State Demographic Center,
2013 Population Estimates

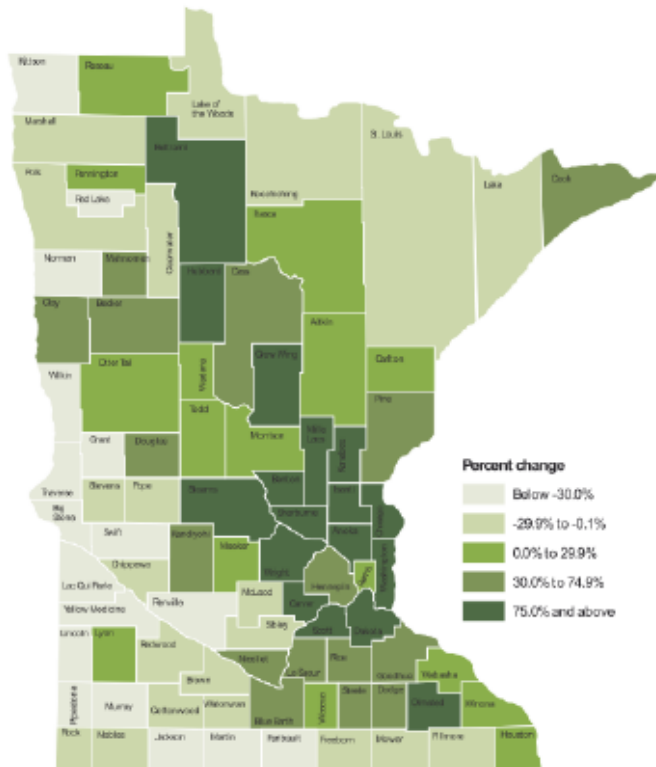
Population change, 2010-2013





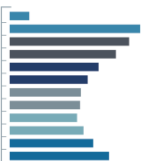
The long, historic view... population change since 1960

Long-term population
change, 1960-2013



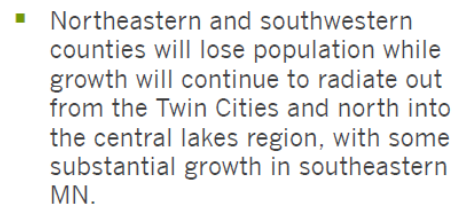
- Looking at how the population has changed since 1960 shows the relentless shift from the rural counties to the urban and suburban cores of the Twin Cities, St. Cloud and Rochester. Sherburne County has seen the most growth, increasing by 601%.

Data source:
U.S. Census Bureau,
Population Estimate Program
© Center for Rural Policy and Development





15 counties
expected to decline
in population

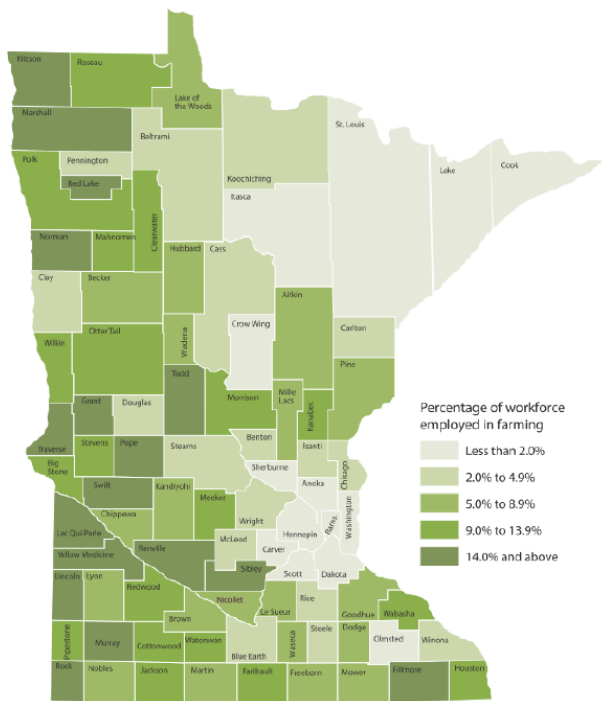


Response	Percentage
Yes	55%
No	45%



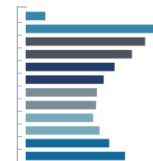
Many counties with strong farm workforce likely to lose population

Workforce in farming, 2011



- Only about 2.6% of Minnesota's workforce is employed directly in farming, but that figure varies significantly across the state. Some counties have 20% or more of their workforce working directly in farming.

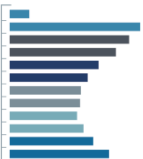
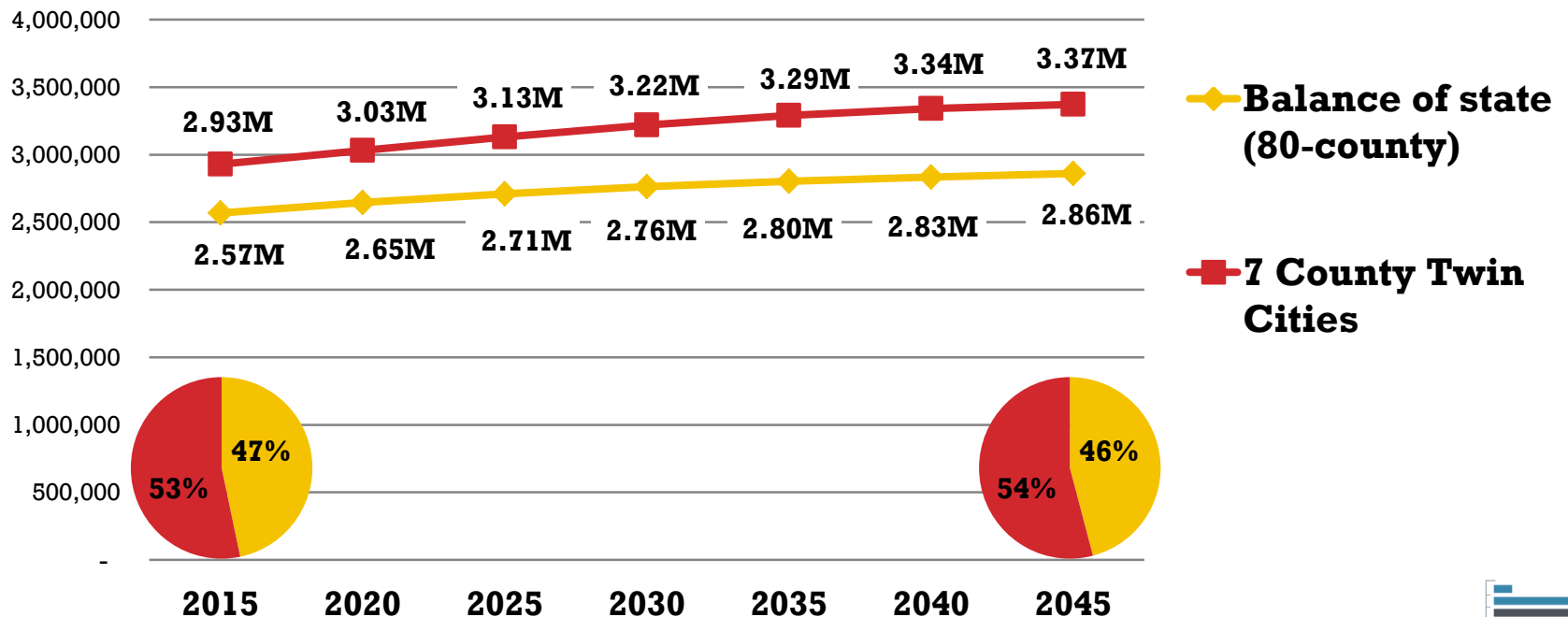
Data source:
U.S. Department of Commerce
Bureau of Economic Analysis
© Center for Rural Policy and Development





Twin Cities & Greater MN both expected to grow through 2045

Population in Twin Cities 7-county region and balance of state (80-county), 2015-2045

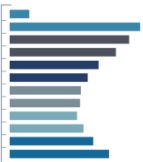
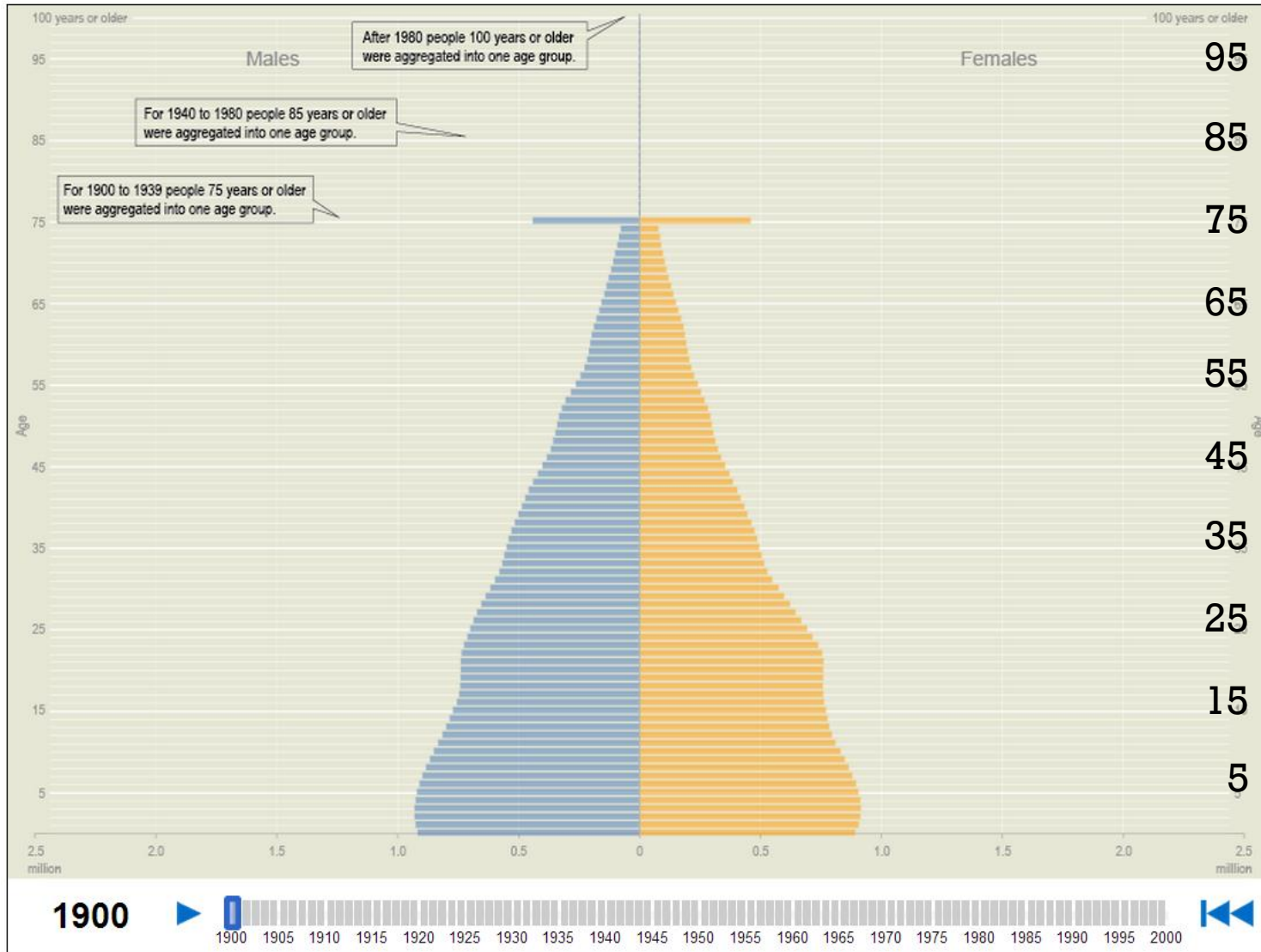




Aging

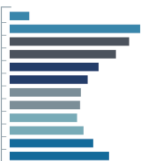
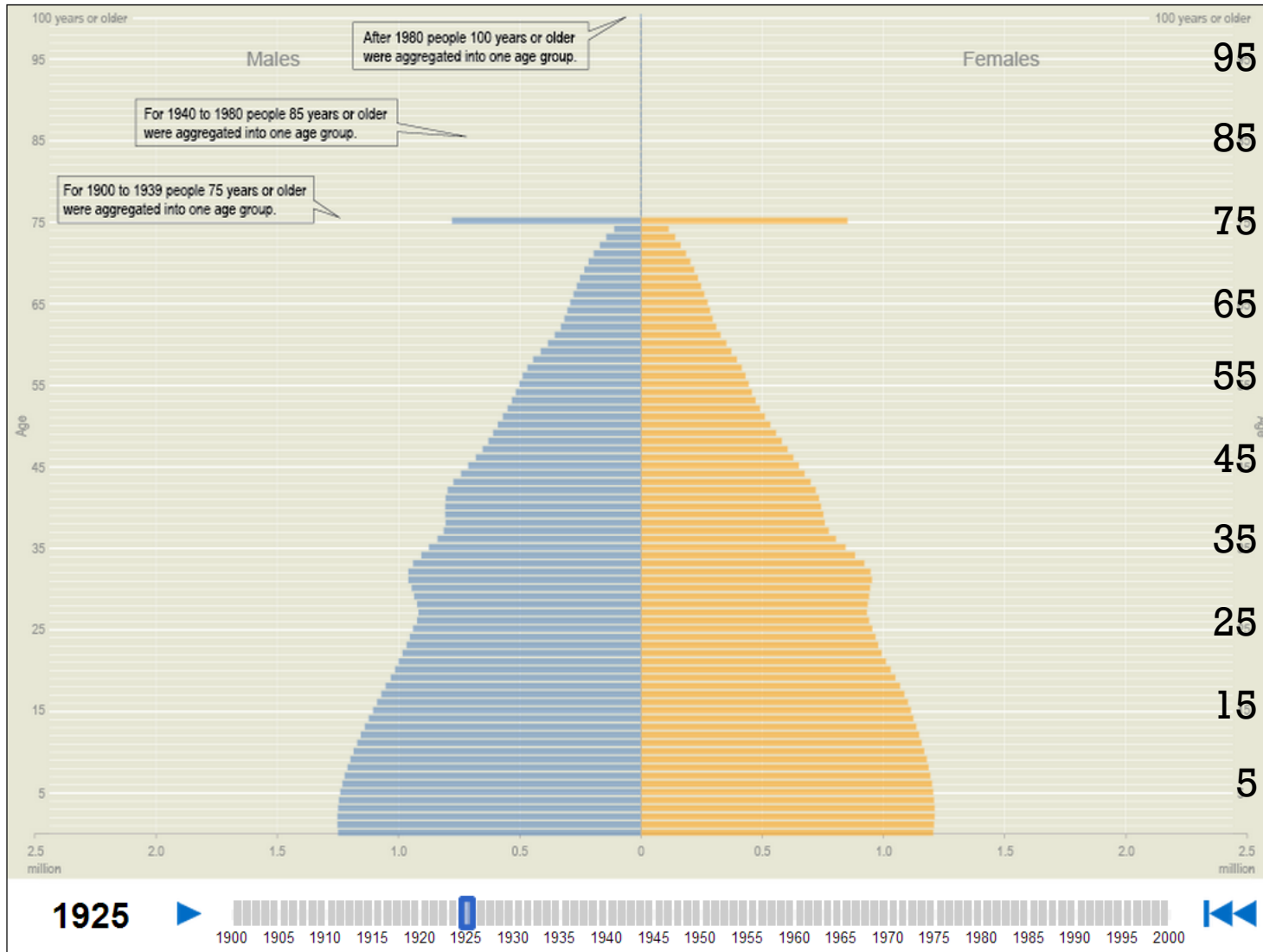


The nation in 1900



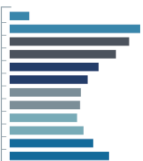
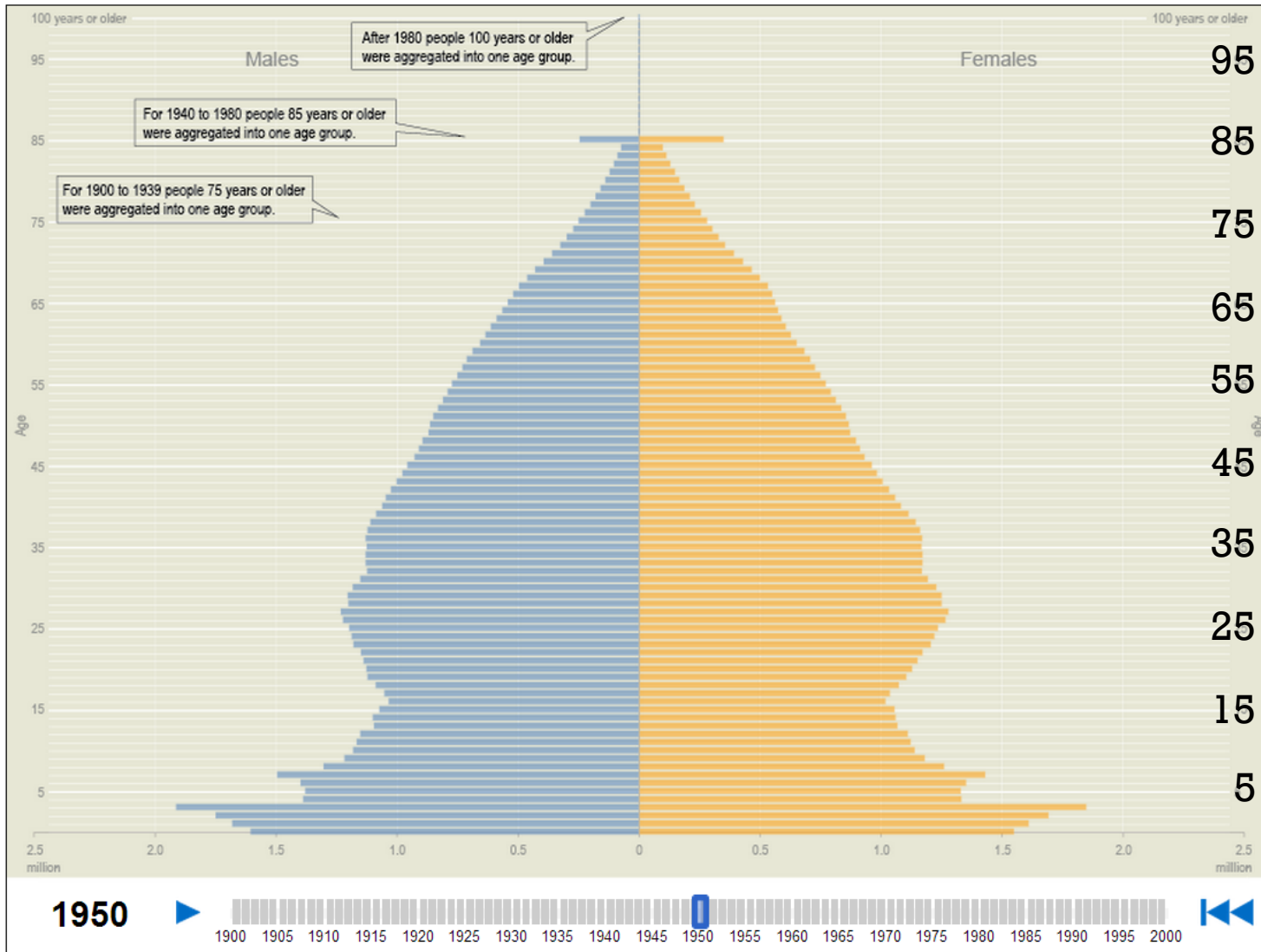


The nation in 1925



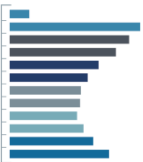
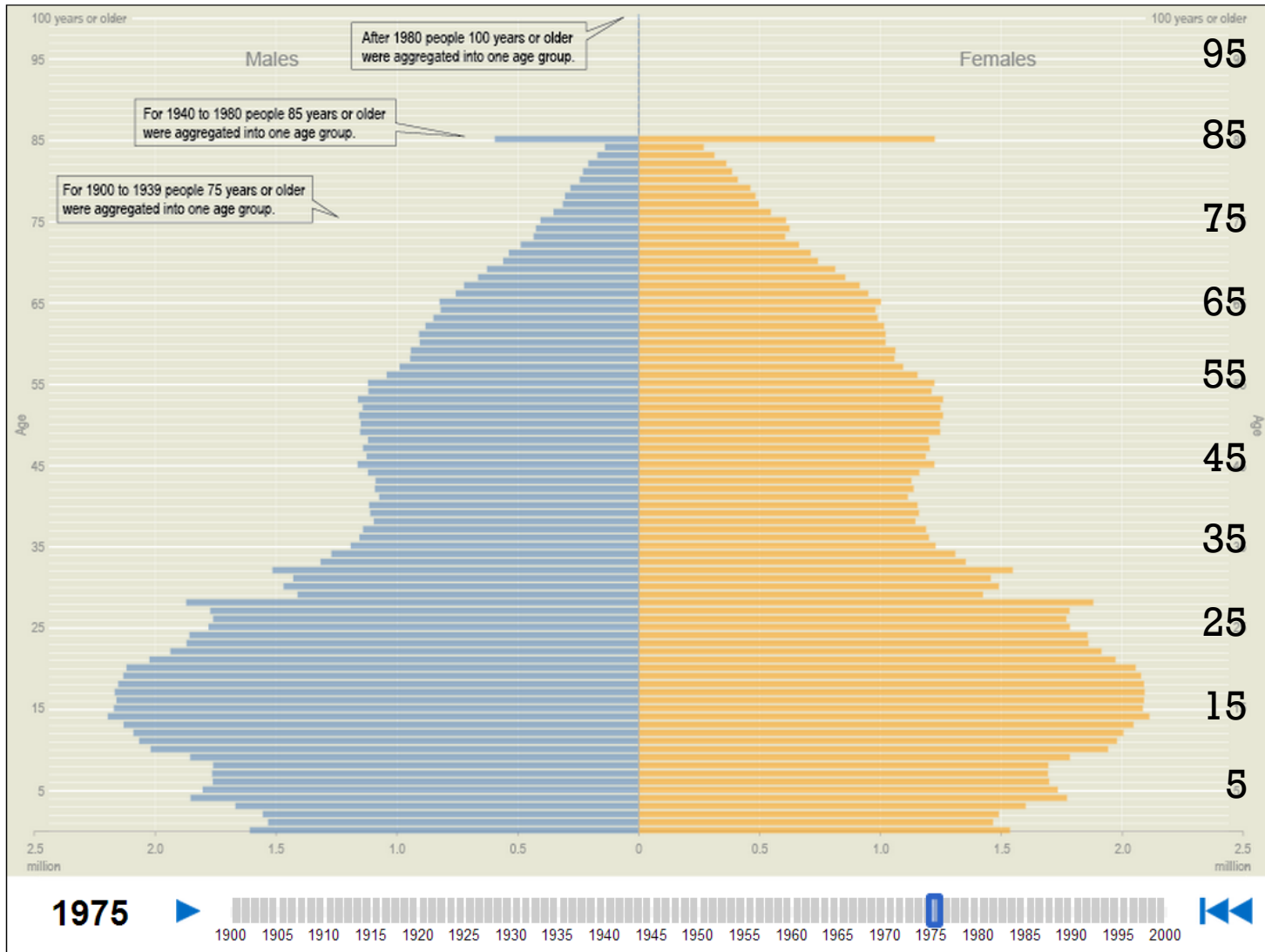


The nation in 1950



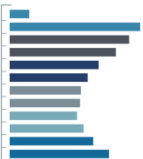
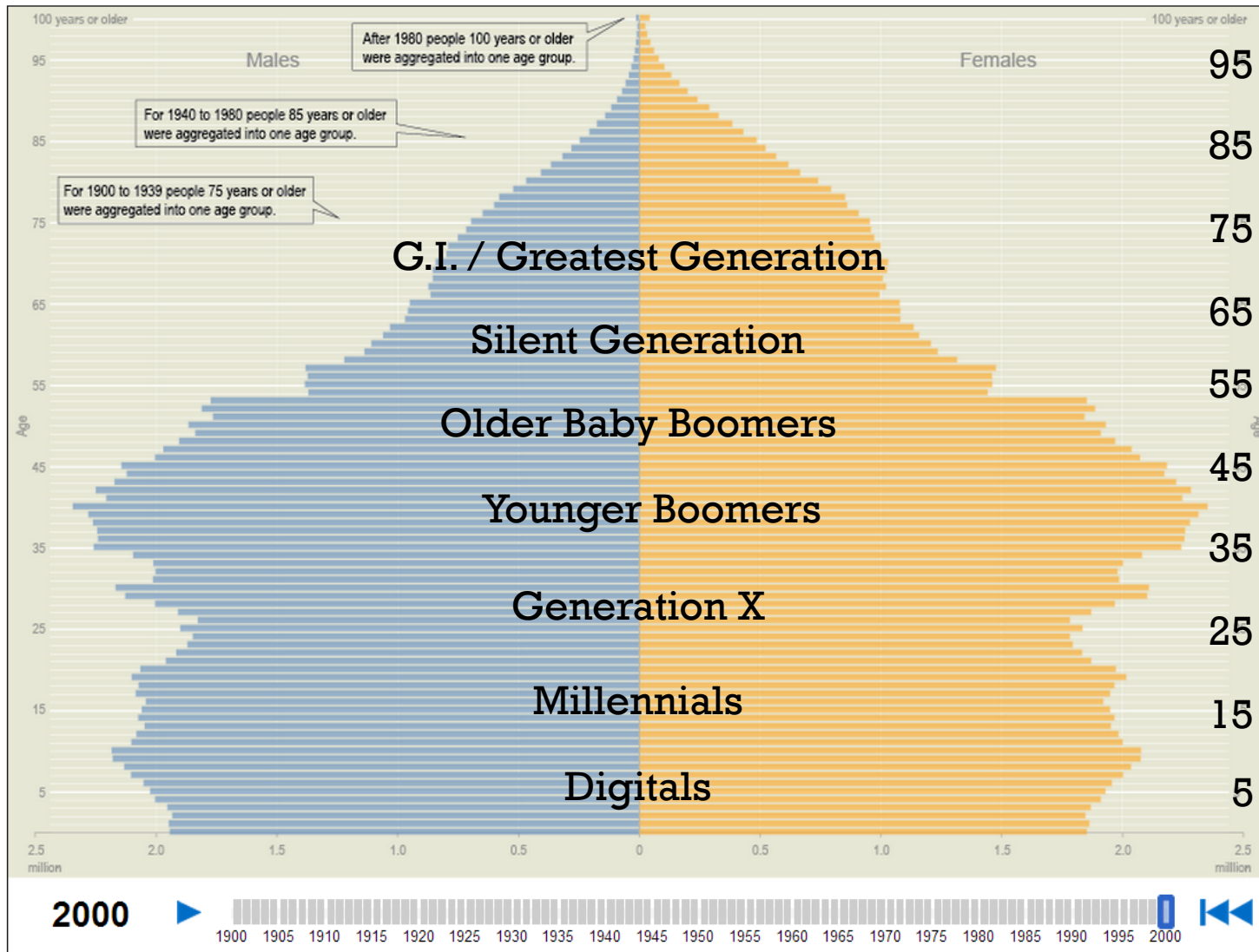


The nation in 1975





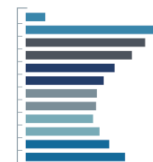
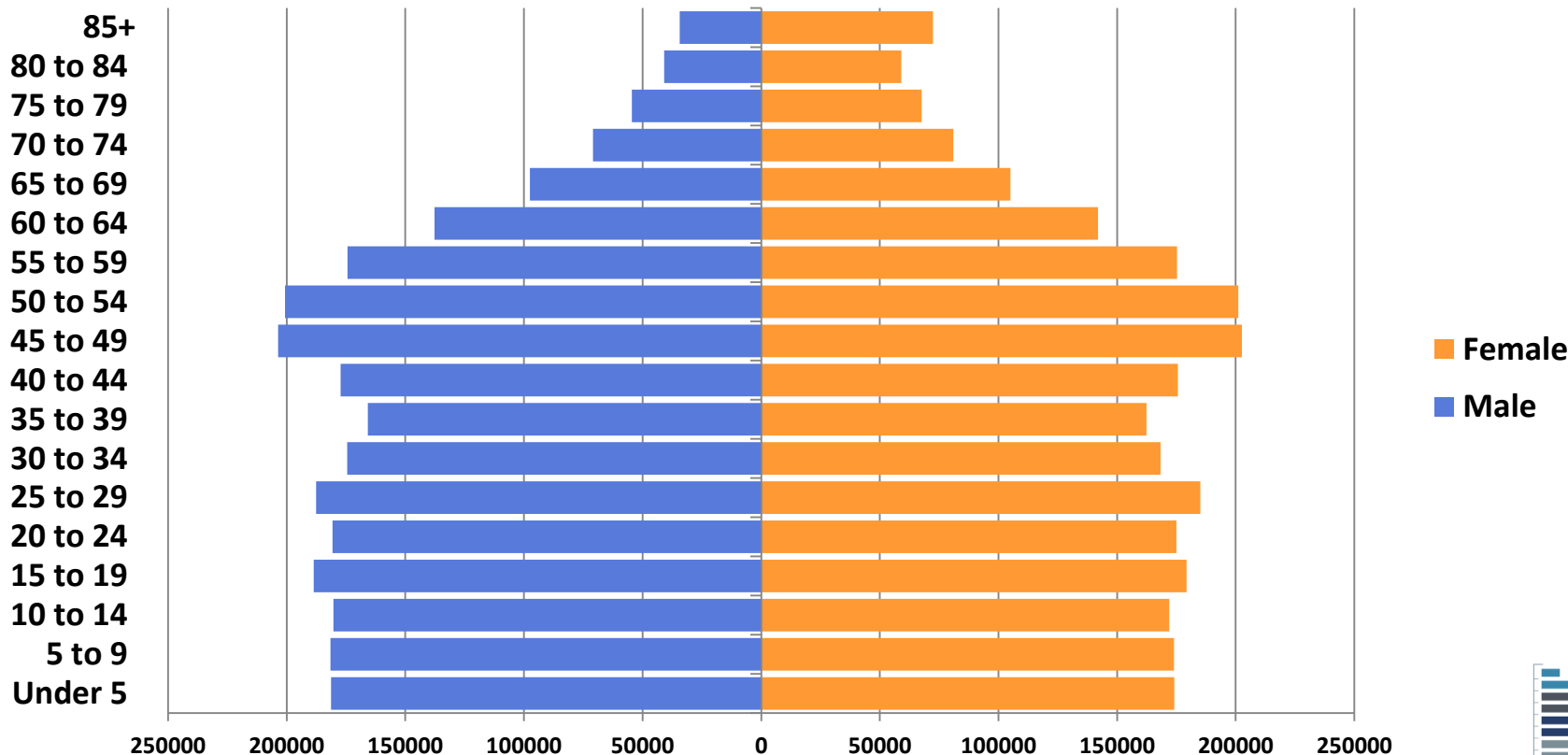
The nation in 2000





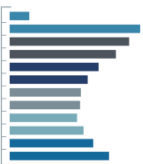
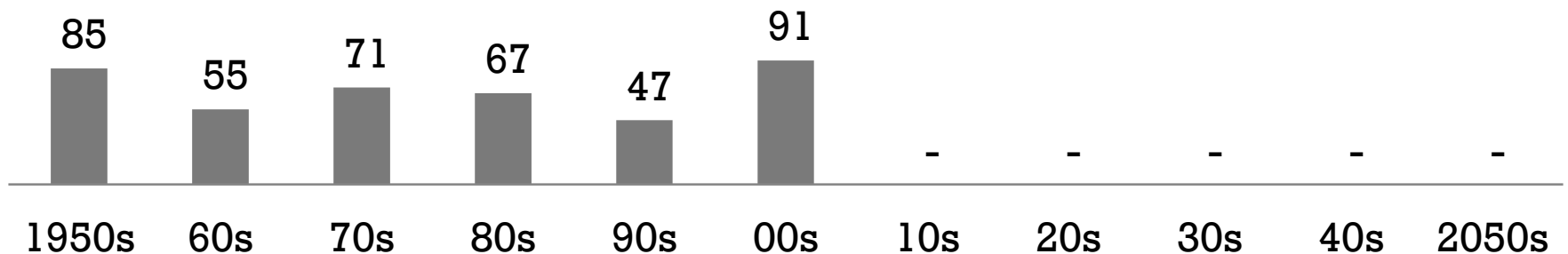
Minnesota total population in 5-year bars, 2010 decennial census

Population by age and sex
Minnesota, 2010



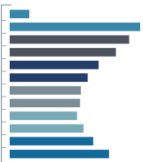
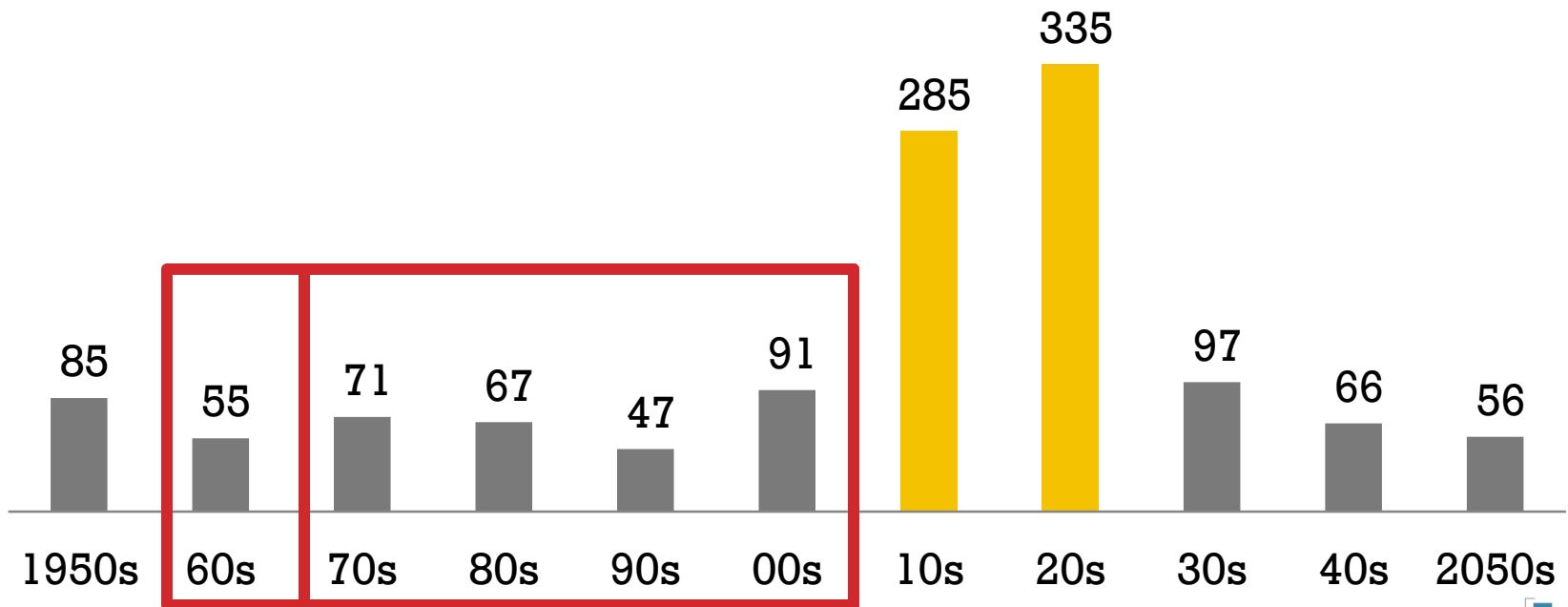
+ How many additional “older adults” will we gain during this decade?

Change in older adults, age 65+ (Thousands)



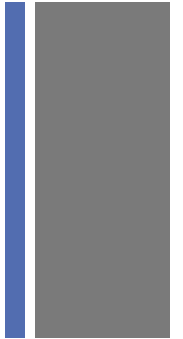
+ This decade and next: *Unprecedented* increases in MN's 65+ population

Change in older adults, age 65+ (in thousands)



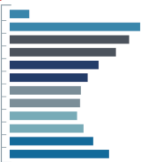


QUIZ QUESTION:



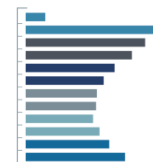
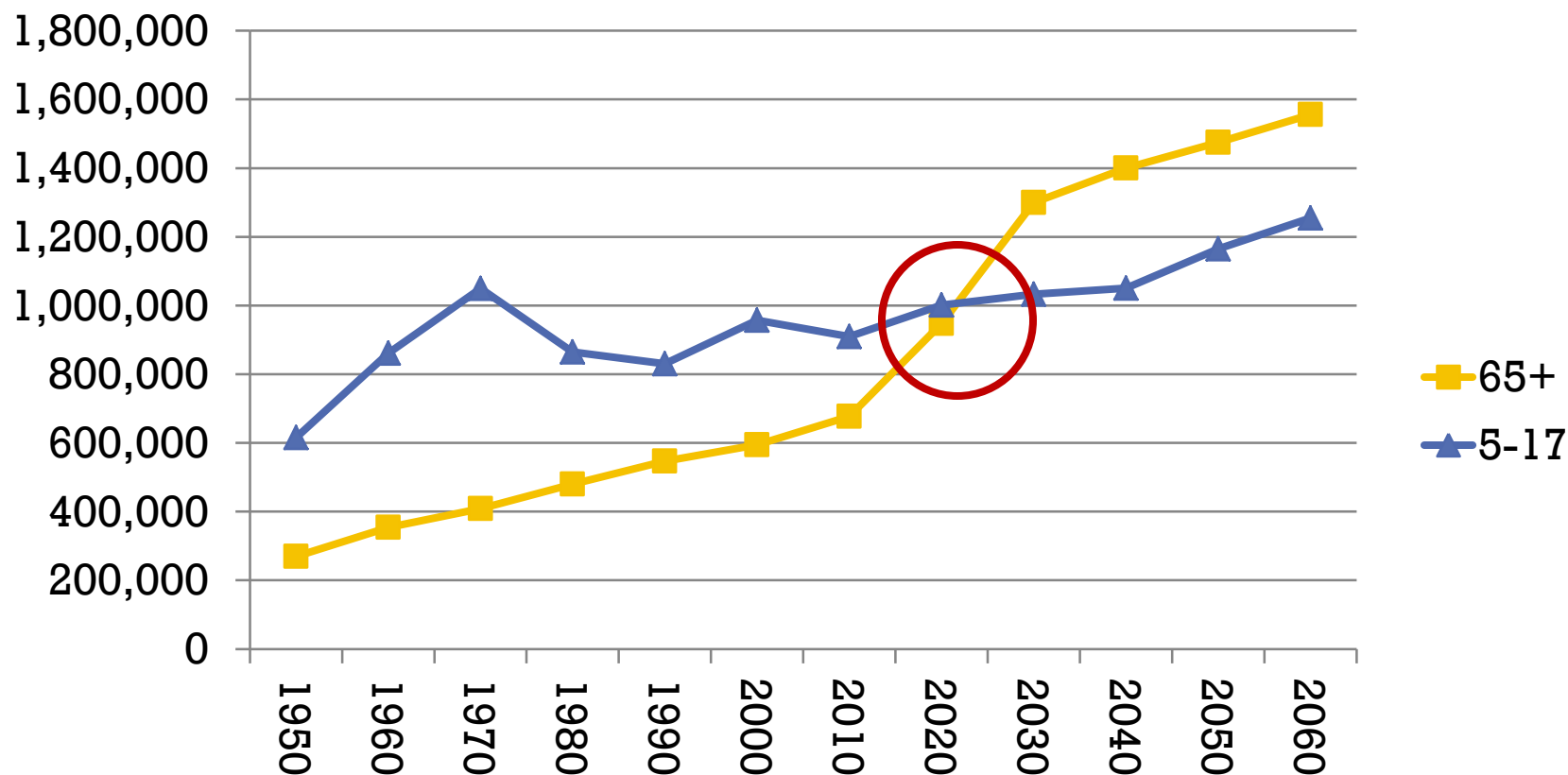
What event is predicted to happen in 2020 that has never before happened in the history of our state?

- A. The Vikings will win the Super Bowl
- B. MN will have more immigrants than U.S.-born residents
- C. MN will have more 65+ residents than school-age children, 5-17



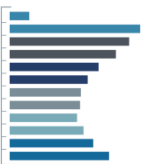
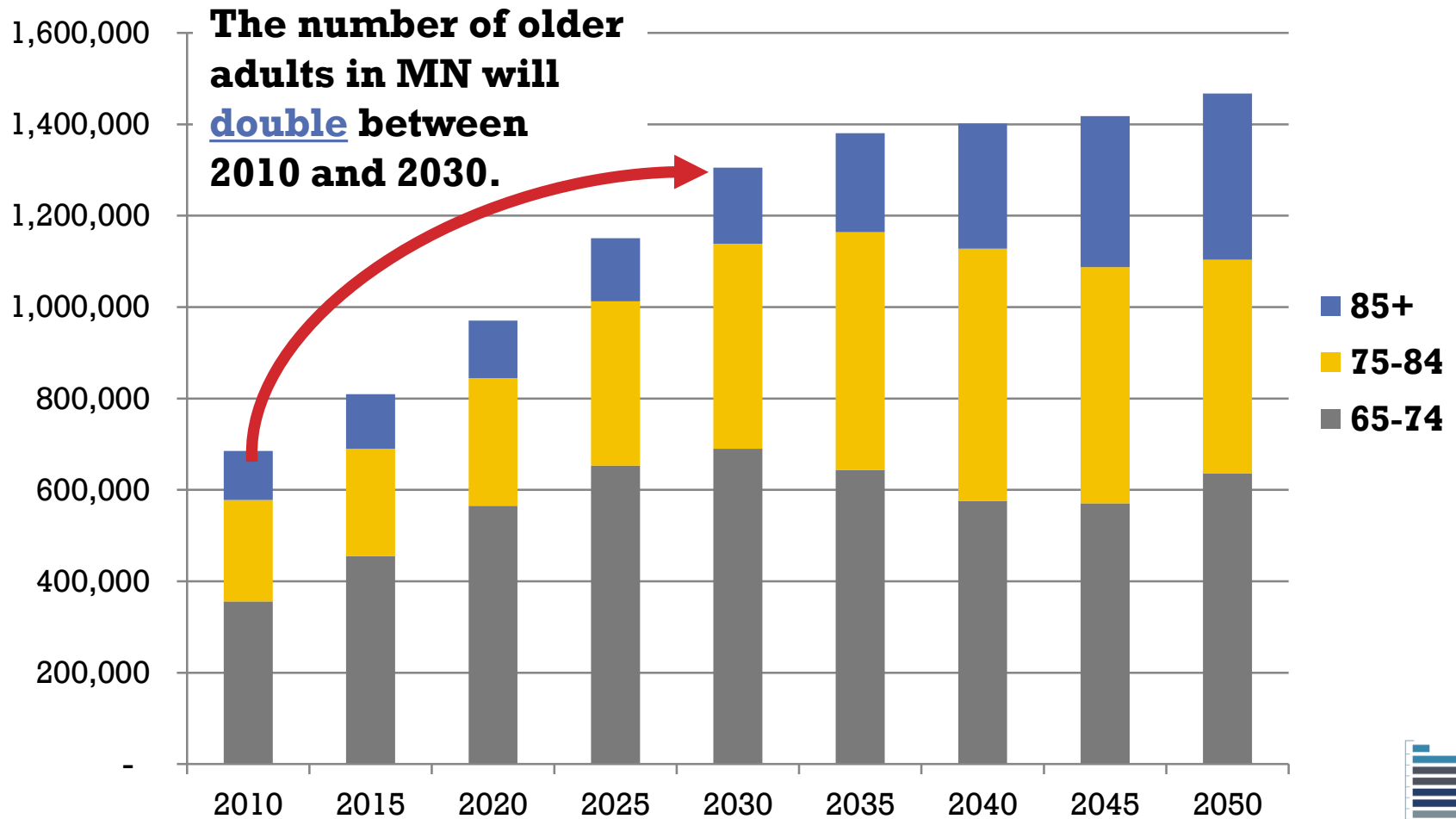


For the first time in MN history: More 65+ than school-age by 2020



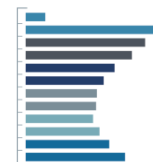
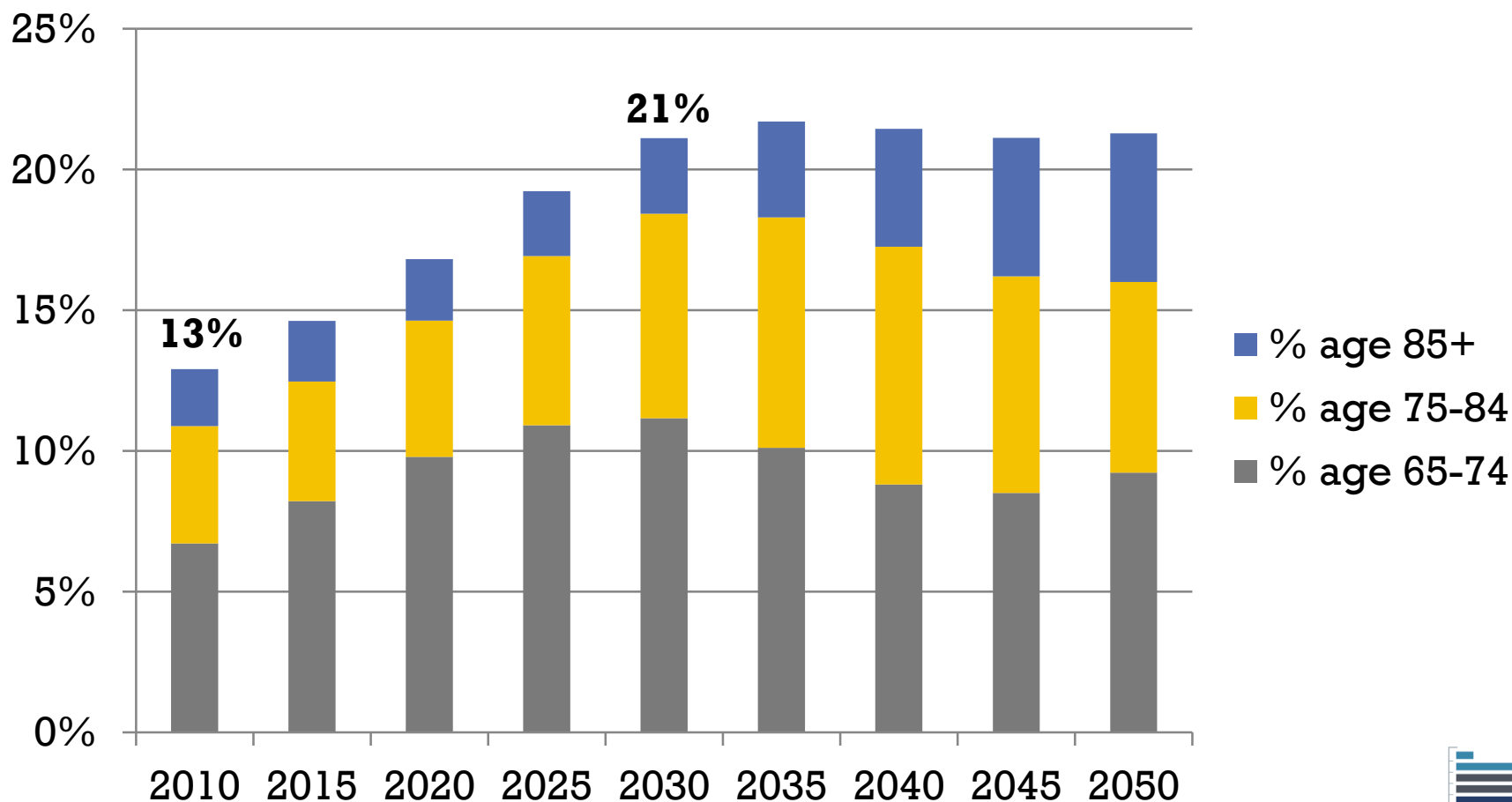


Older adults in Minnesota by age cohort, 2010-2050





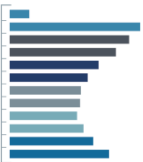
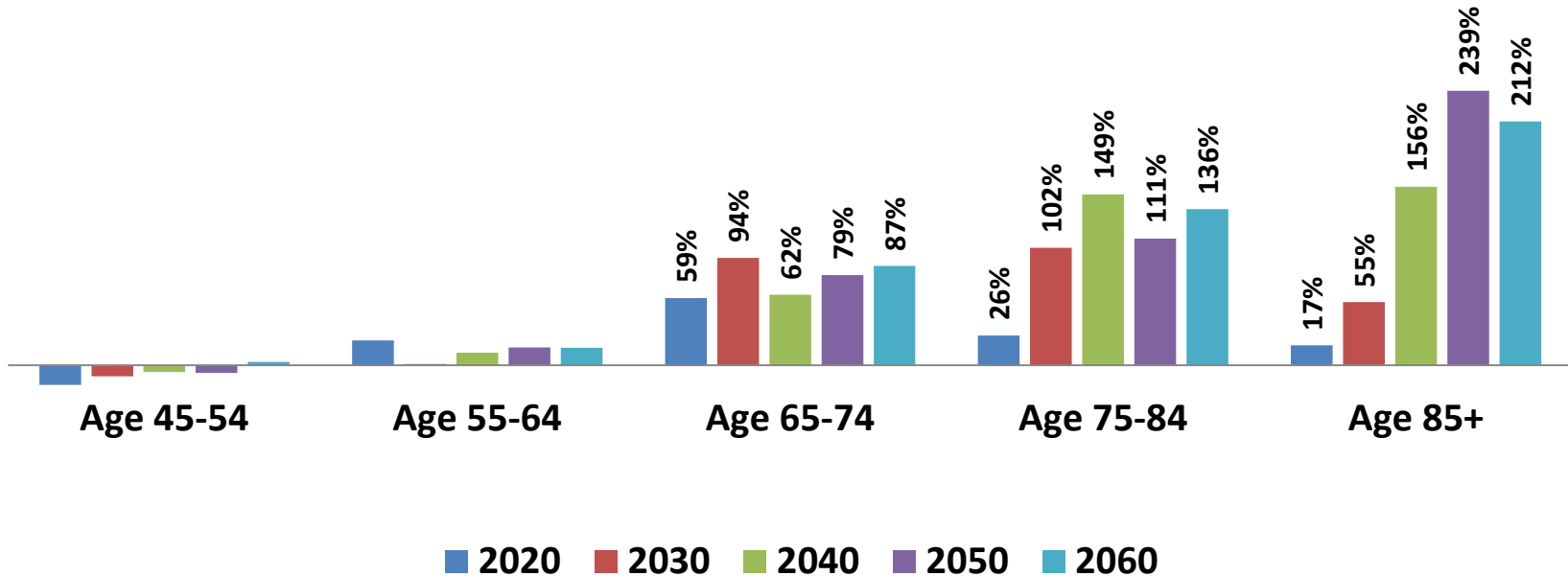
By 2030, more than 1 in 5 Minnesotans will be 65+, including all Baby Boomers





The coming decades will see dramatic growth in older cohorts

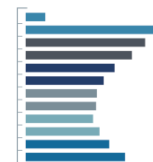
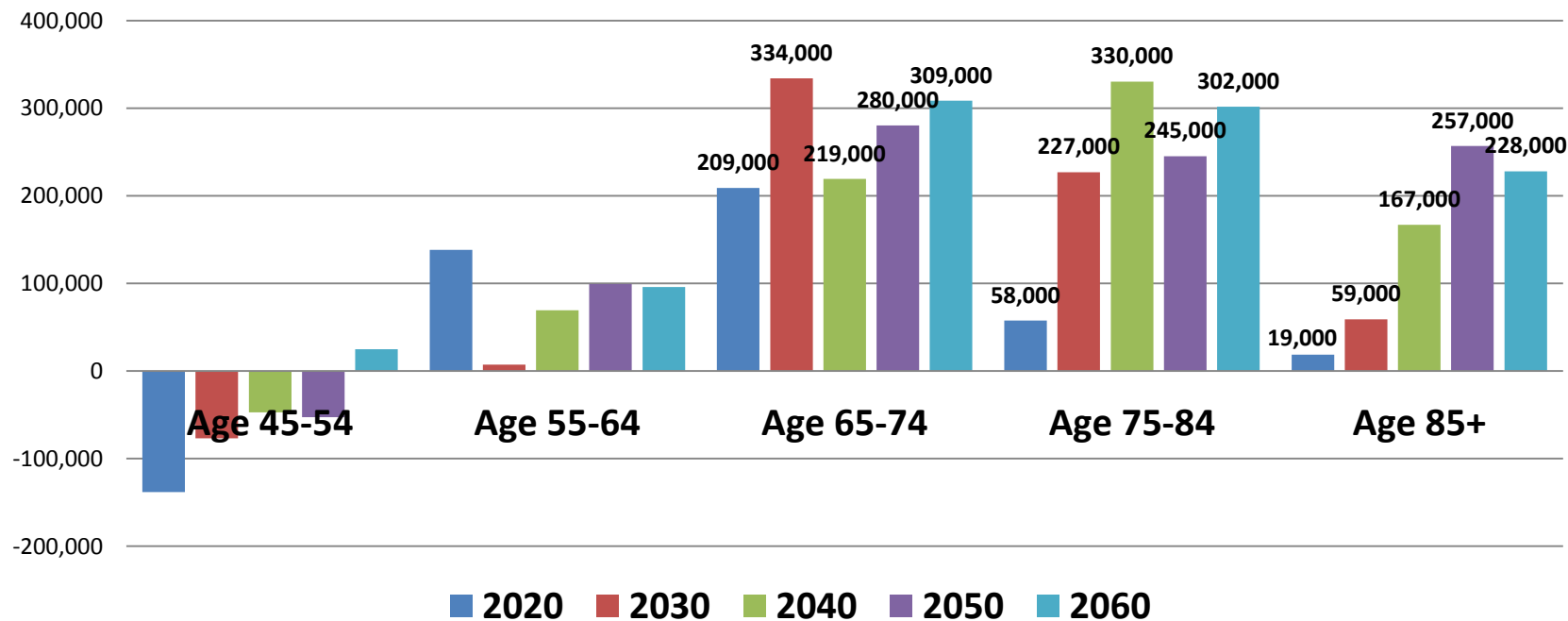
Expected percentage change in people by age cohorts,
between 2010 and given year, Minnesota





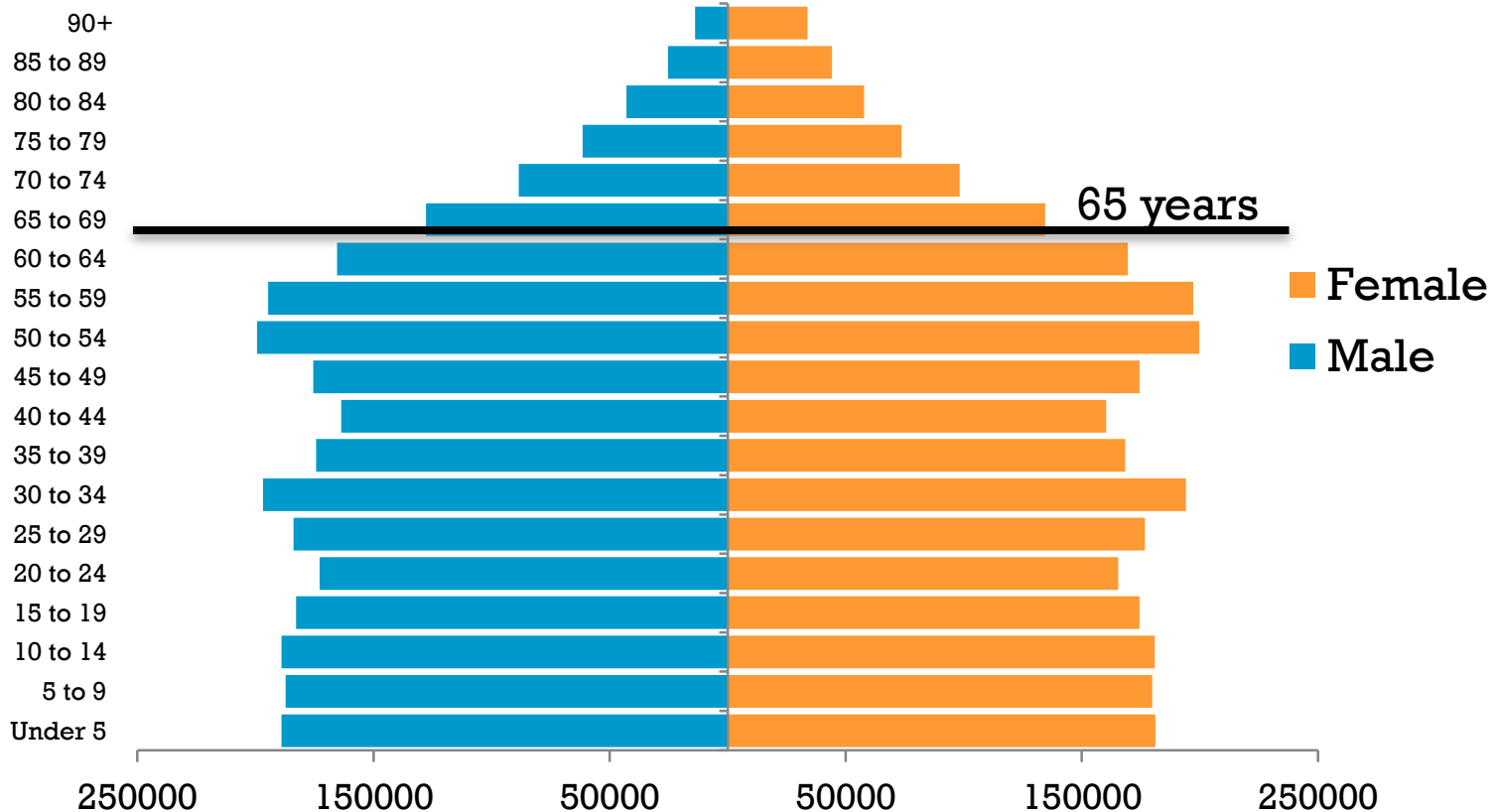
The coming decades will see dramatic growth in older cohorts

Expected numeric change in people by age cohorts,
between 2010 and given year, Minnesota



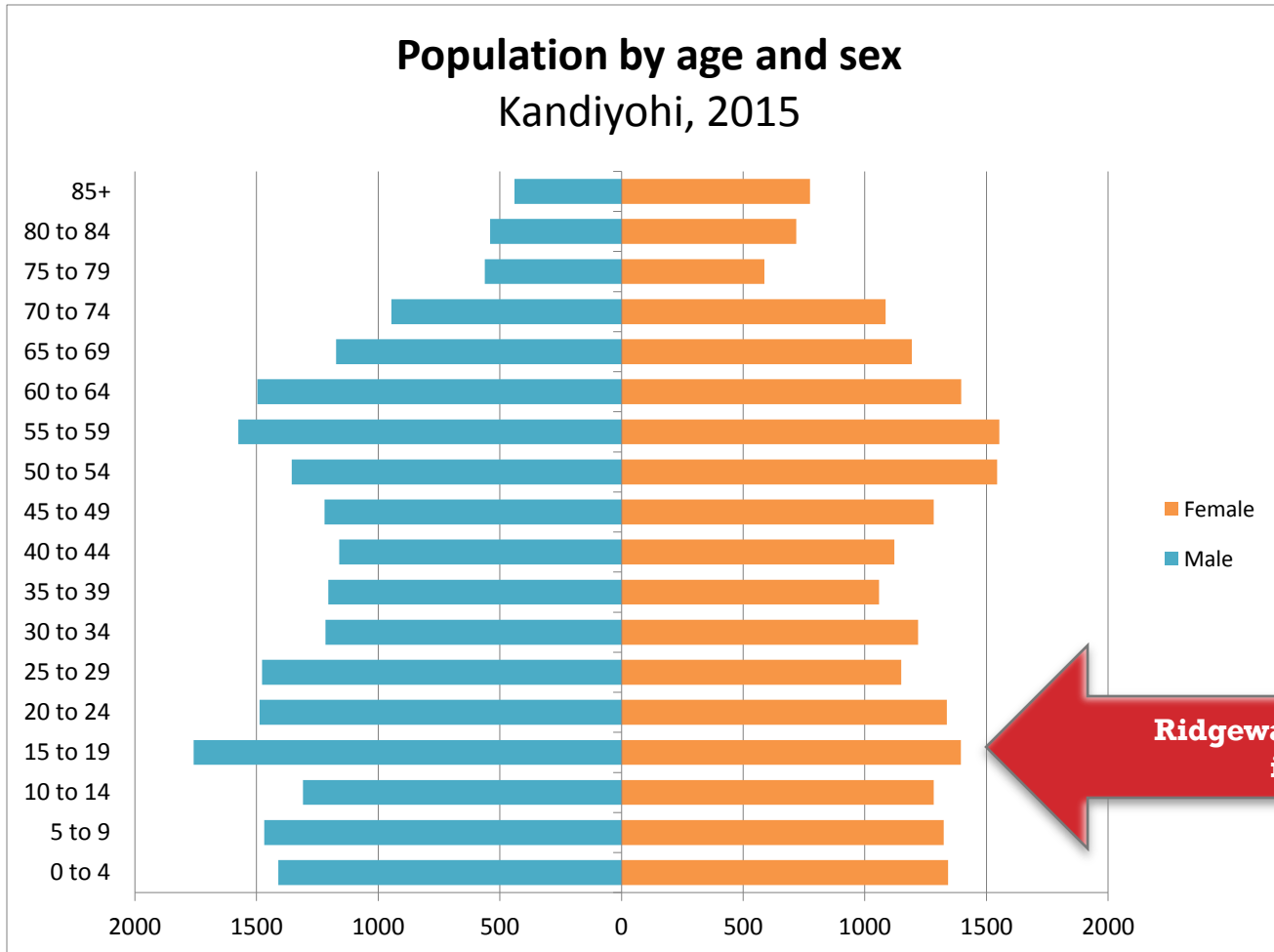
+ What Minnesota will look like... next year (2015)

MN population by age and sex, 2015

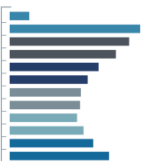




What Kandiyohi County will look like... next year

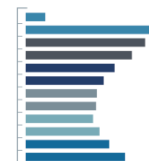
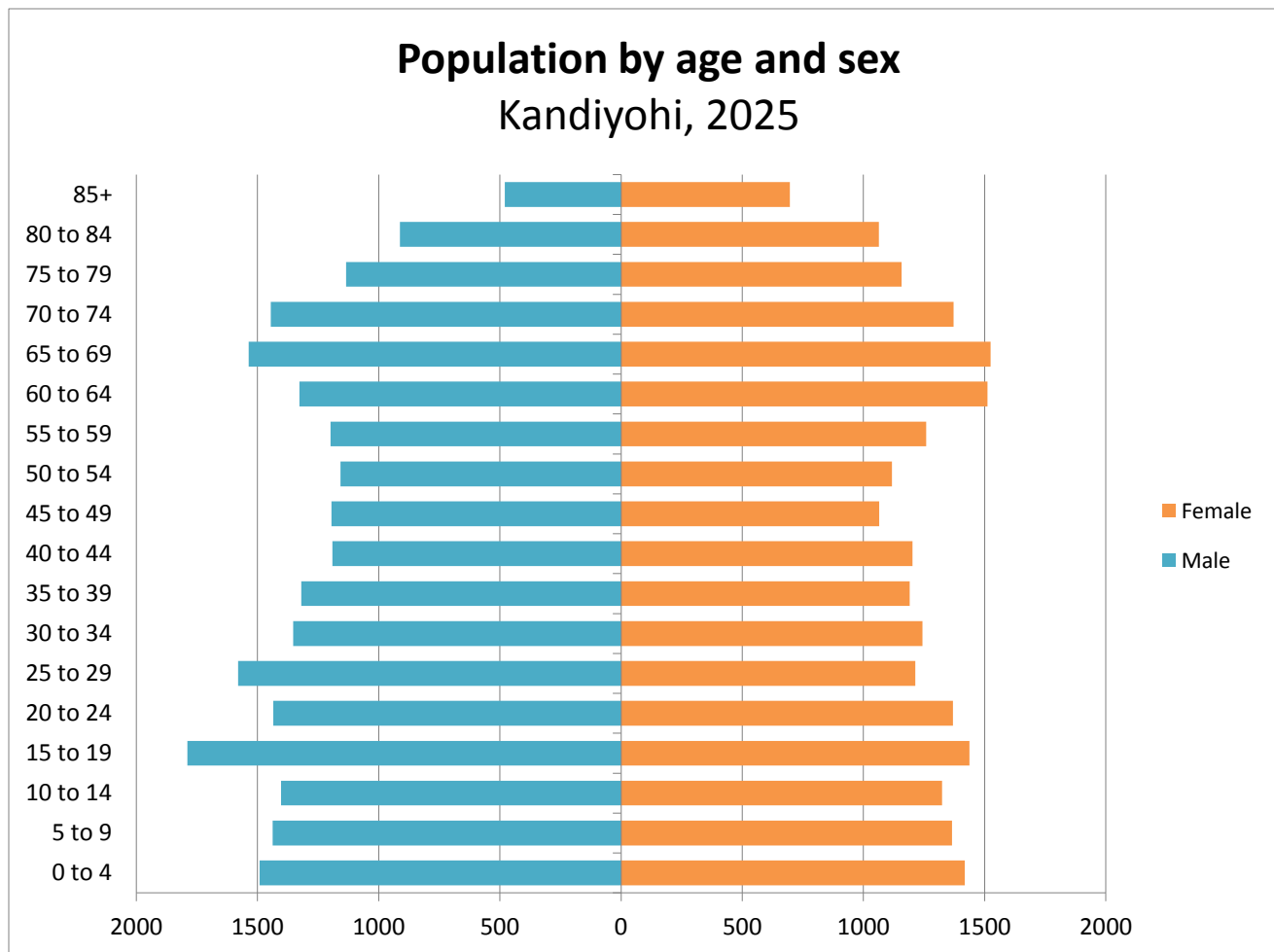


Ridgewater College enrollment impacts this bar



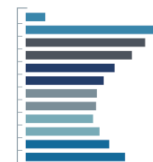
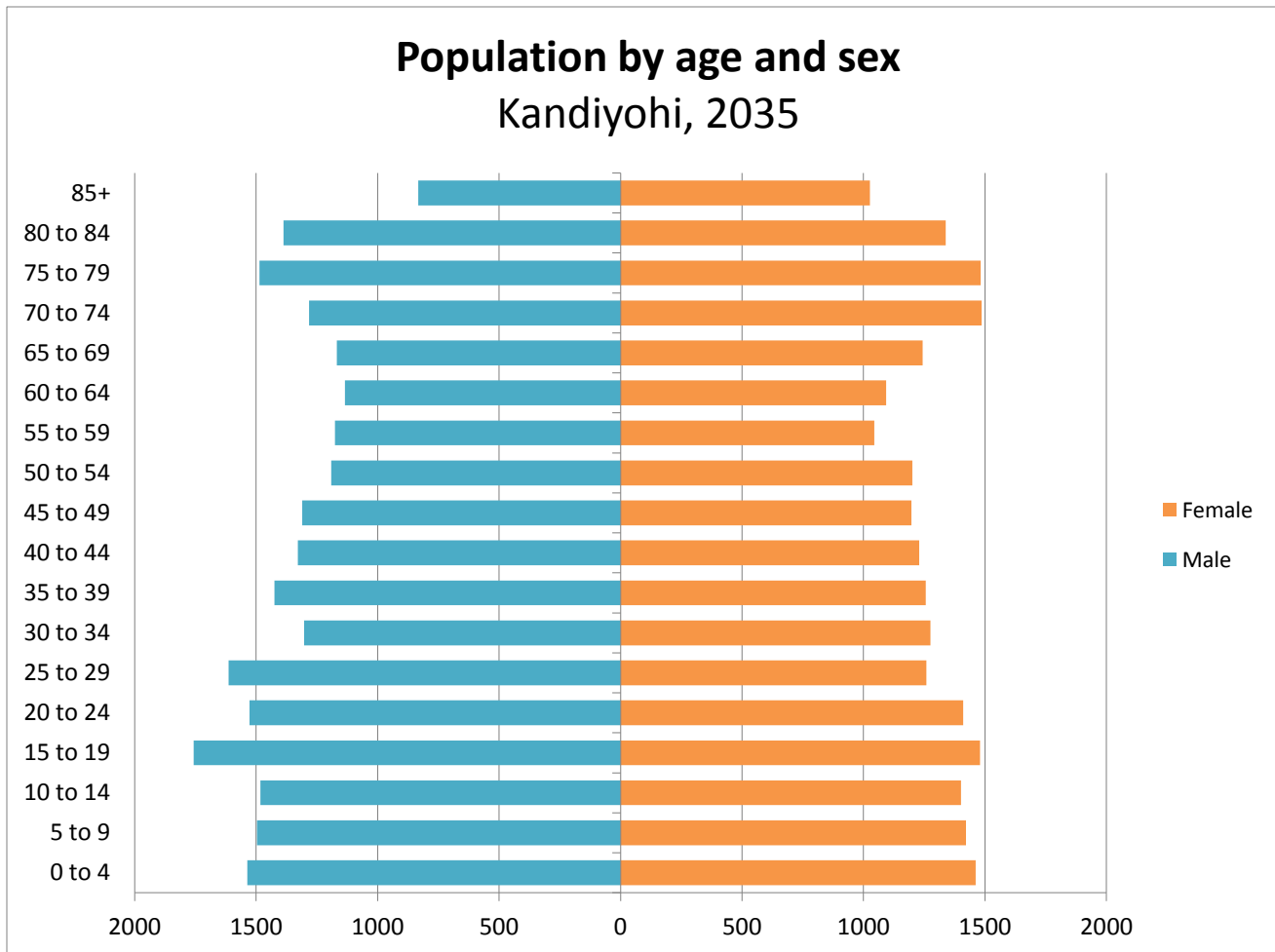


What Kandiyohi County will look like... in 11 years



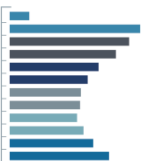
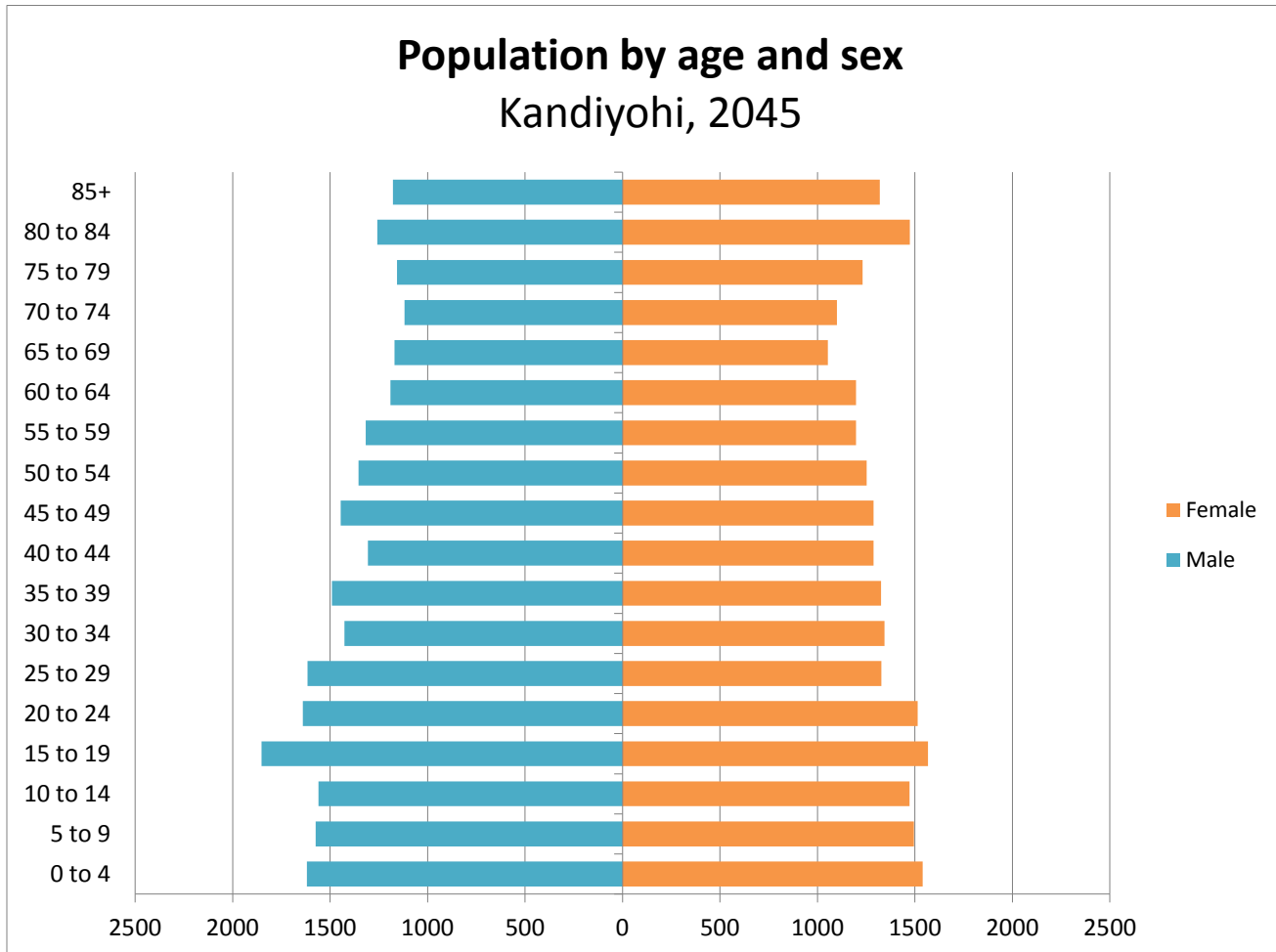


What Kandiyohi County will look like... in 21 years





What Kandiyohi County will look like... in 31 years





Our Projections Page: mn.gov/demography/projections

- Find state, county and Economic Development Region projections to 2045, by age and gender
- Explore population pyramids for all counties through 2045

The screenshot displays the Minnesota State Demographic Center website. The header features the center's name and a search bar. A navigation menu includes links for About, Data by Topic, Data by Place, Map & Viz Gallery, Reports & Resources, and News. The breadcrumb trail reads: HOME > DATA BY TOPIC > POPULATION DATA > OUR PROJECTIONS.

DATA BY TOPIC

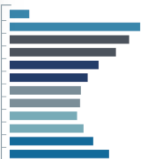
- Population Data
 - Our Estimates
 - Our Projections
 - 2010 Decennial Census
 - Historical Decennial Data
- Aging
- Births & Fertility
- Children & Families
- Economy
- Education
- Health & Disability
- Immigration & Language
- Income & Poverty
- Labor Force
- Minnesota Milestones

Projections

Employing historical and emerging patterns in births, deaths, and migration, the State Demographic Center produces population projections for Minnesota and its 87 counties.

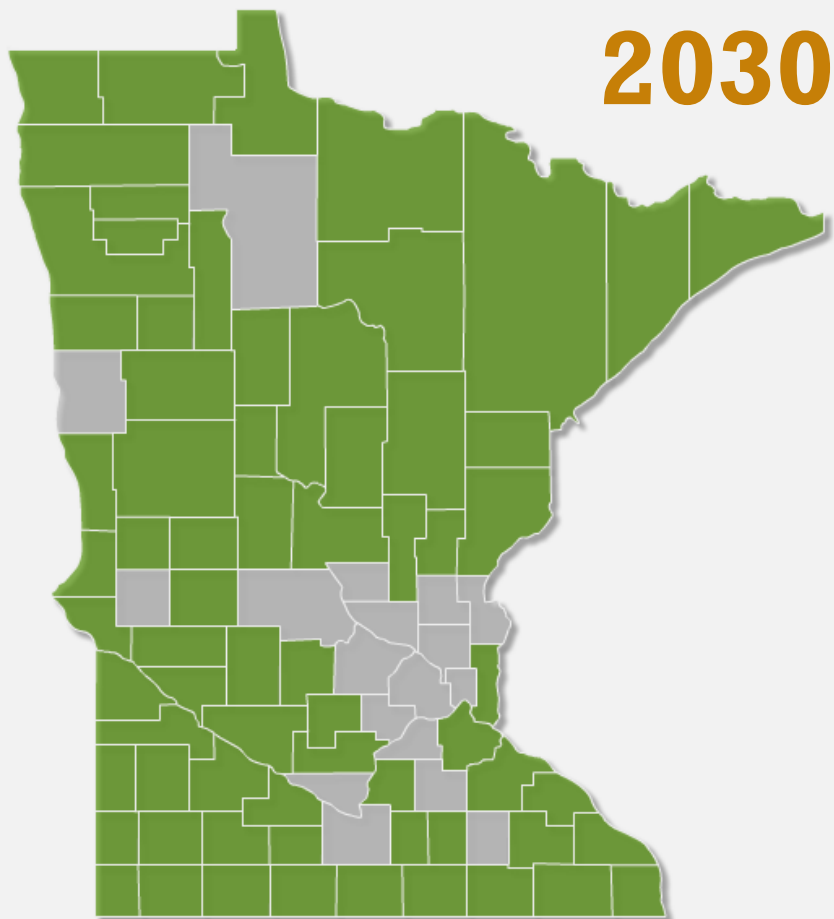
County & EDR Data

The data files below contain our most recent population projections for the 87 counties in Minnesota, as well as the 13 [Economic Development Regions](#) (EDRs) that are composed of groups of counties. At the county level, data are available by age cohort and gender for each five-year interval from 2015 to 2045. These county-level projections conform to the Minnesota state-level projections through 2065. These data are essential figures for planning for infrastructure and services for communities, counties, regions, and the state as a whole.





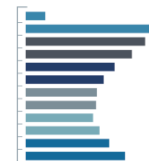
By 2030, only a handful of counties will not have 1 in 5 older adults



More than 1 in 5 people
age 65 or older:

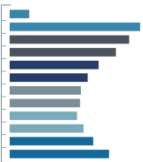
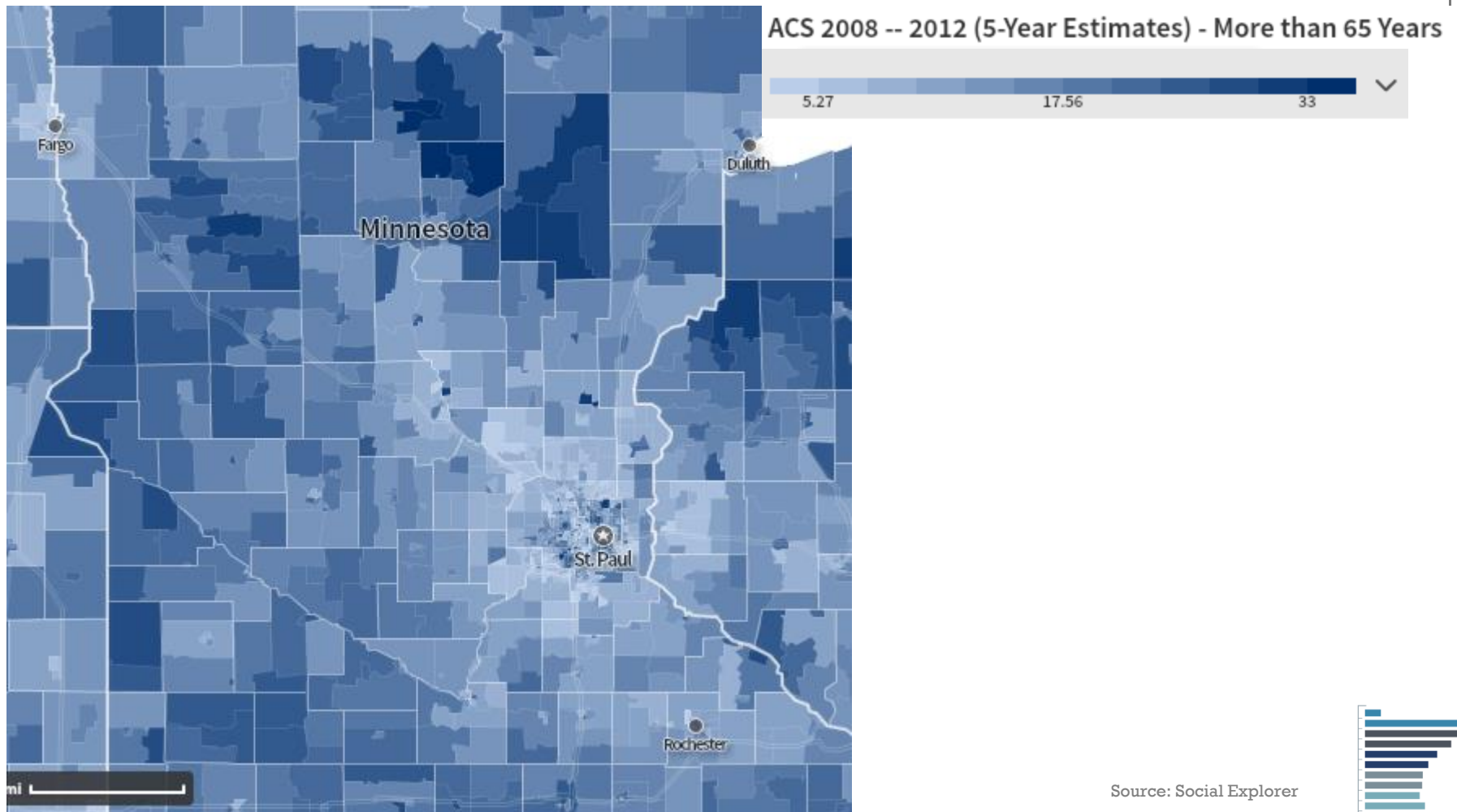
- In 22 counties (2010)
- In 48 counties (2020)
- In 69 counties (2030)

Explore how your local area
compares (down to census tracts)
in our Map & Viz Gallery
at mn.gov/demography





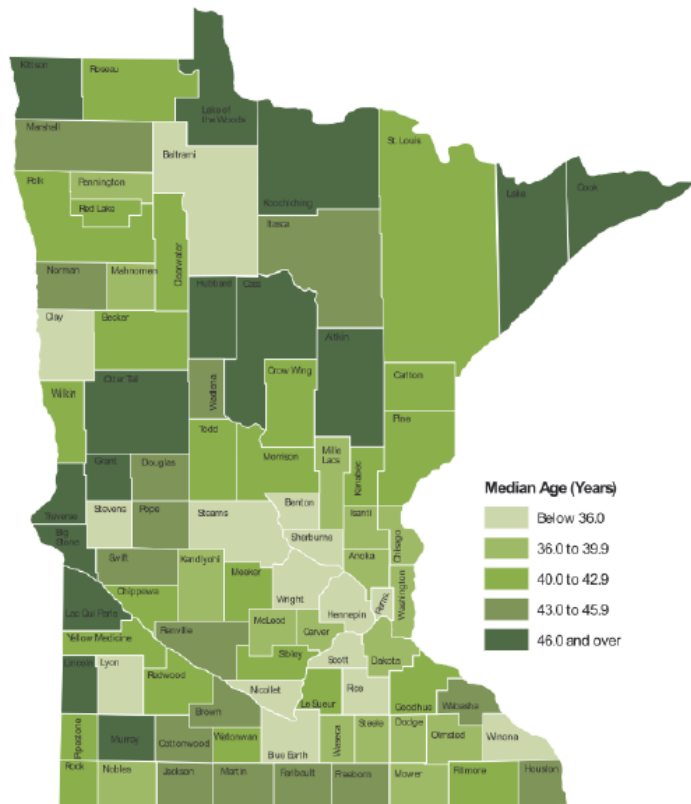
Higher percentages of older adults (65+) – patterning is very local





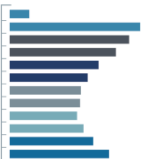
Median age in the darkest counties is 46 or older

Median Age, 2013



- Fast-growing counties with young families, large institutions of higher education, or large minority populations tend to have a lower median age.

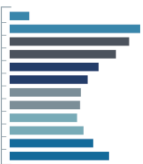
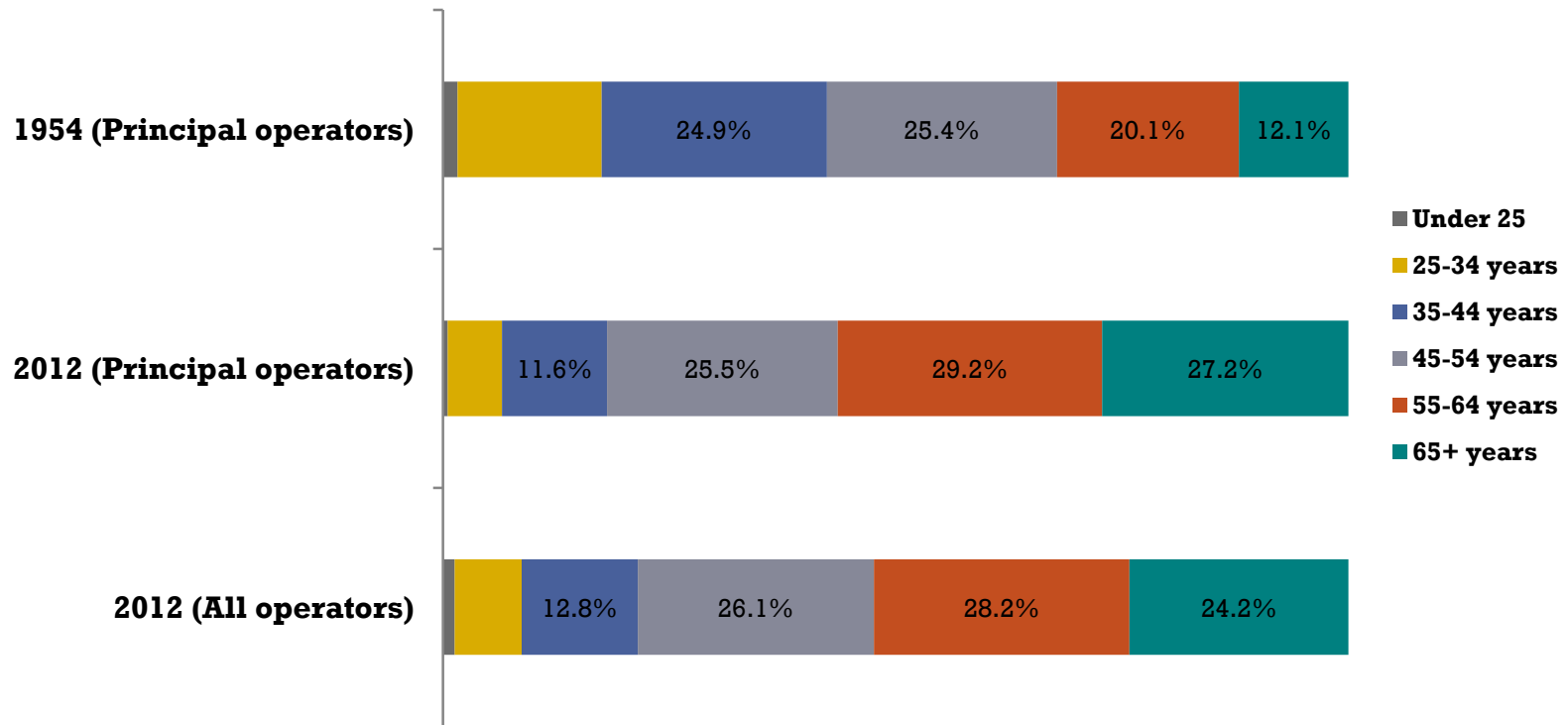
Data source:
U.S. Census Bureau
© Center for Rural Policy and Development





About a quarter of Minnesota farmers are age 65 or older

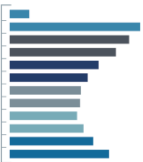
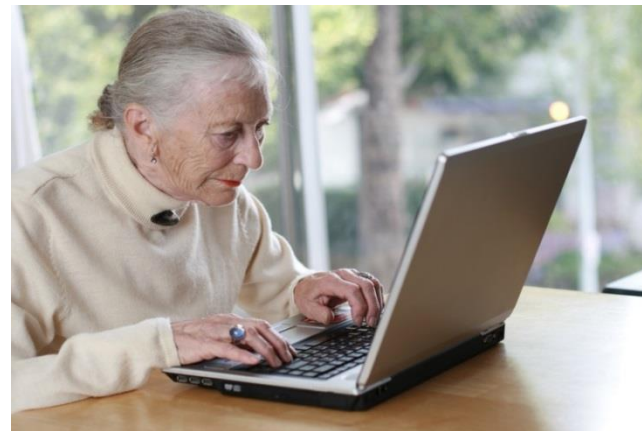
Minnesota farmers by age



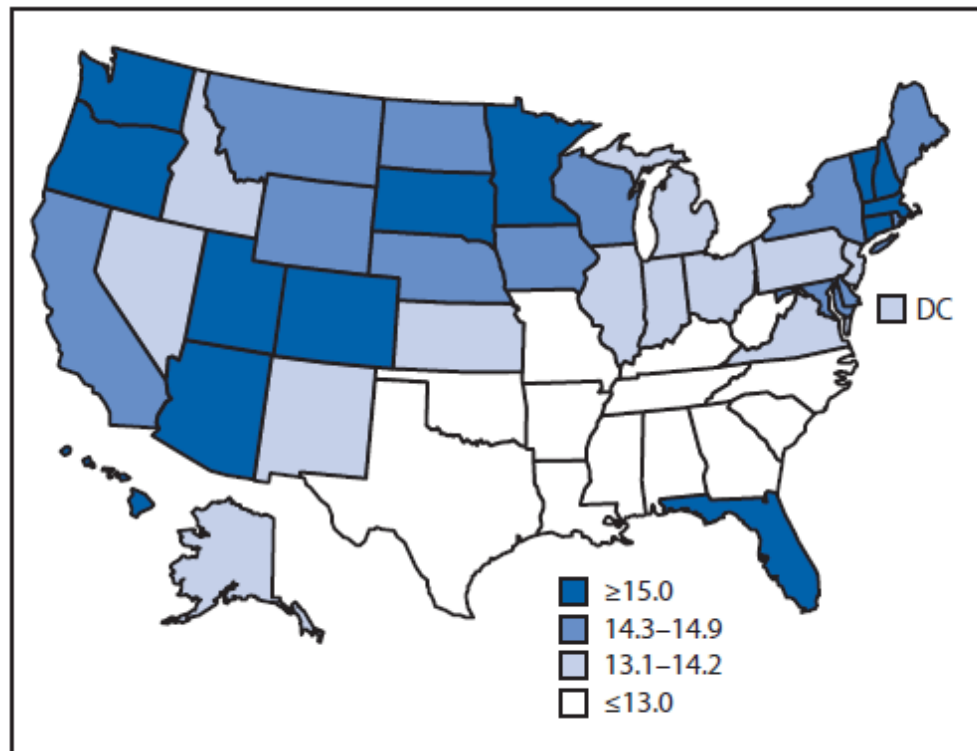


Aging: not what it used to be...

- Minnesota's older adults are healthier, living longer, and working longer than prior generations
 - Life expectancy for Minnesotans age 65 now is 20.1 more years (15.6 years in good health)
 - Variations across racial, educational, other groups
 - Minnesota's Boomers and older adults volunteer in record numbers

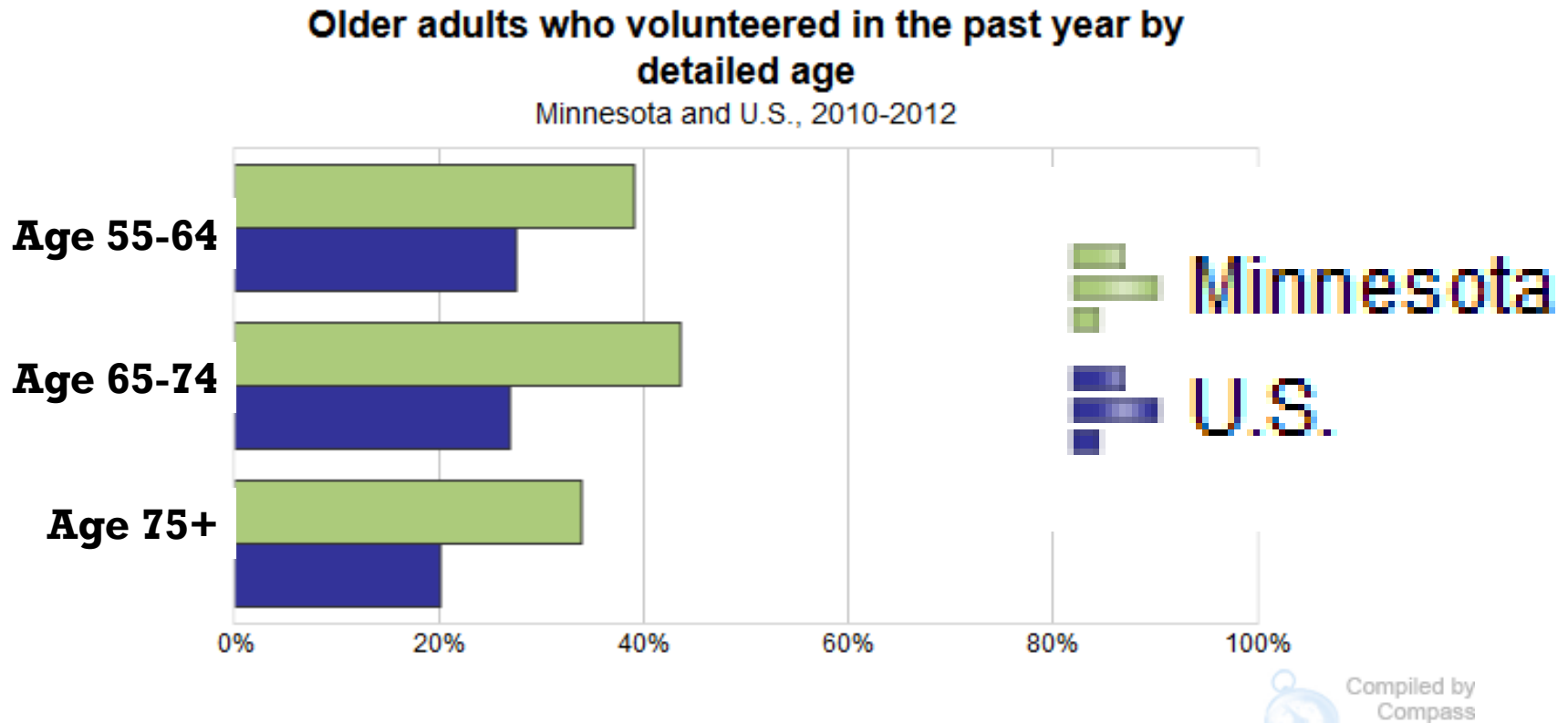


Healthy life expectancy at age 65 – Minnesota leads most states



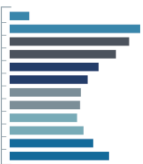
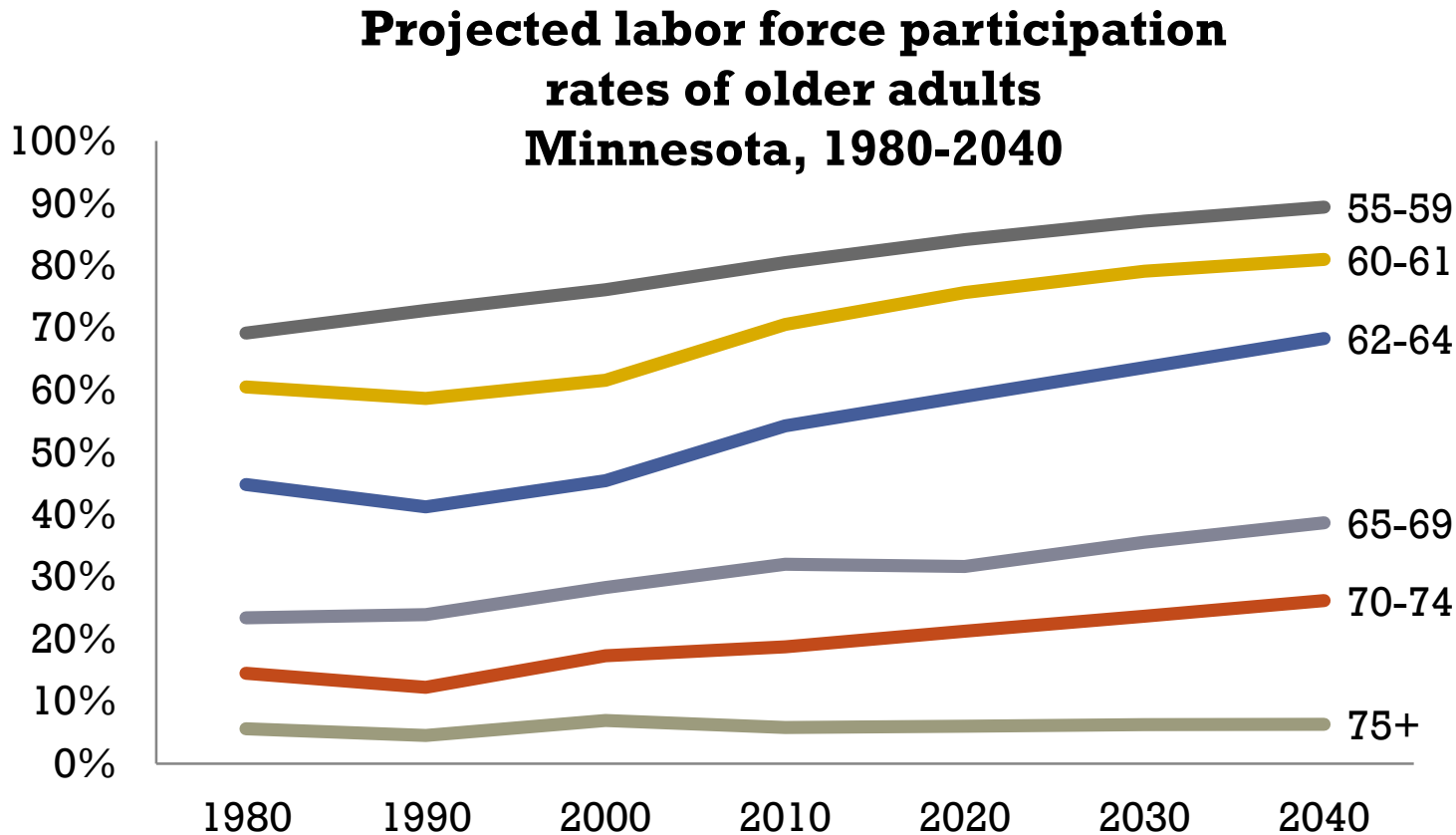
Source: Centers for Disease Control, 2013

+ MN's older adults more likely to volunteer than across the U.S.





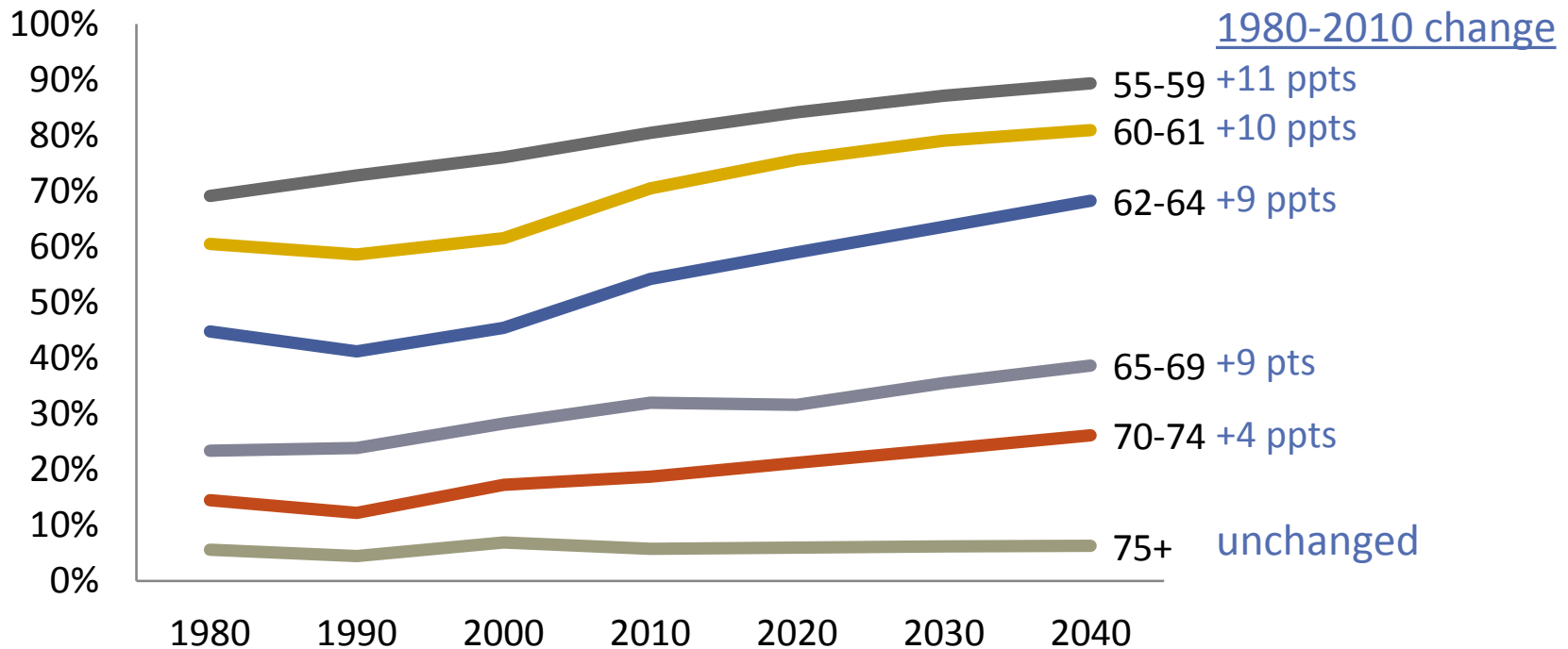
Older adults projected to remain in the labor force longer than before





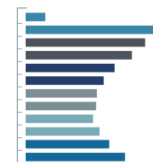
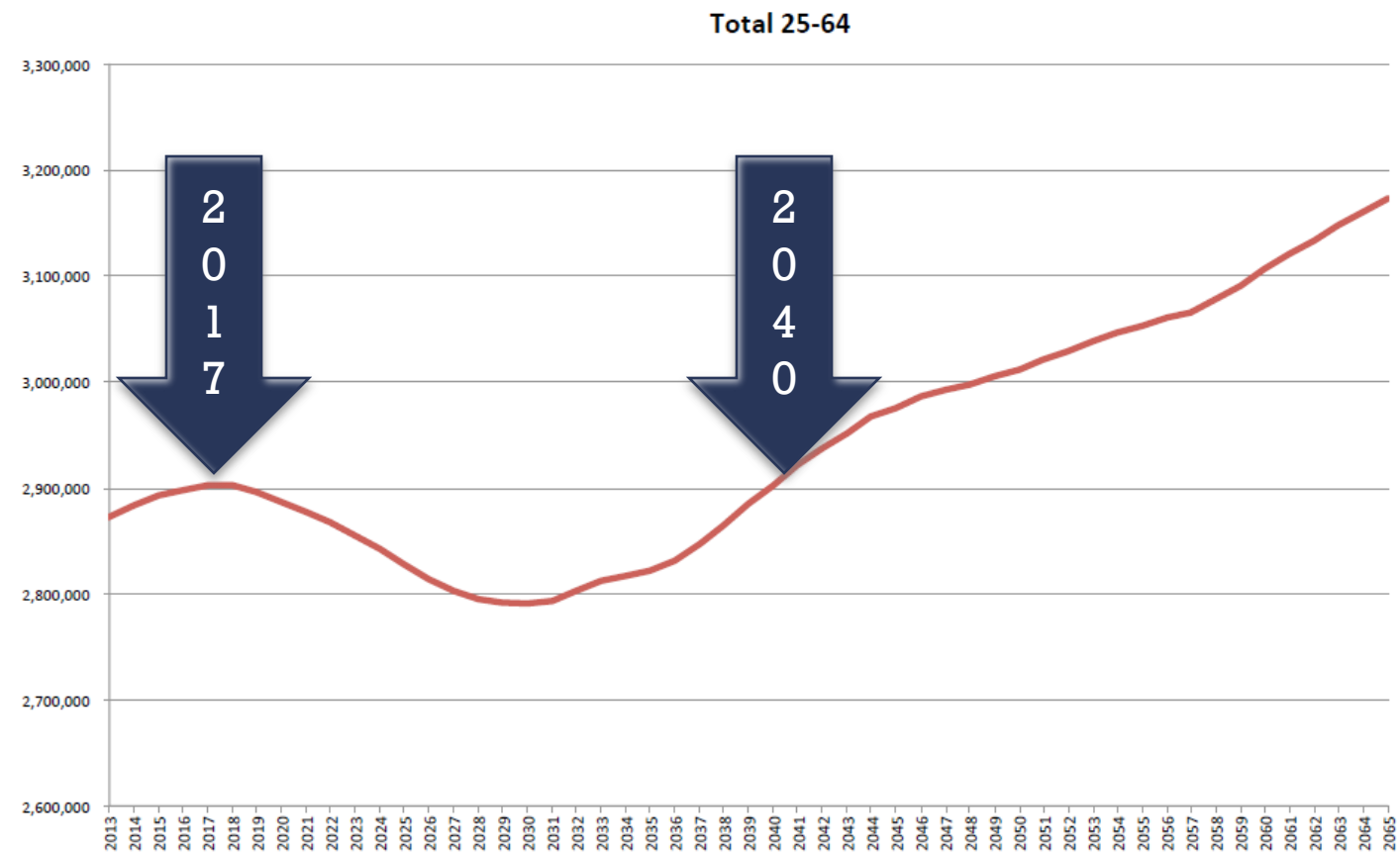
55- to 74-year-olds projected to remain in the labor force longer than before, continuing trend

Historical and projected labor force participation rates of older adults, Minnesota, 1980-2040





Total 25- to 64-year-olds in MN will dip by about 100,000 individuals





The ratio of retirees to workers has never come as close as it will

2010

1 retiree

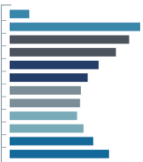
5 workers

2030

1 retiree

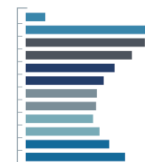
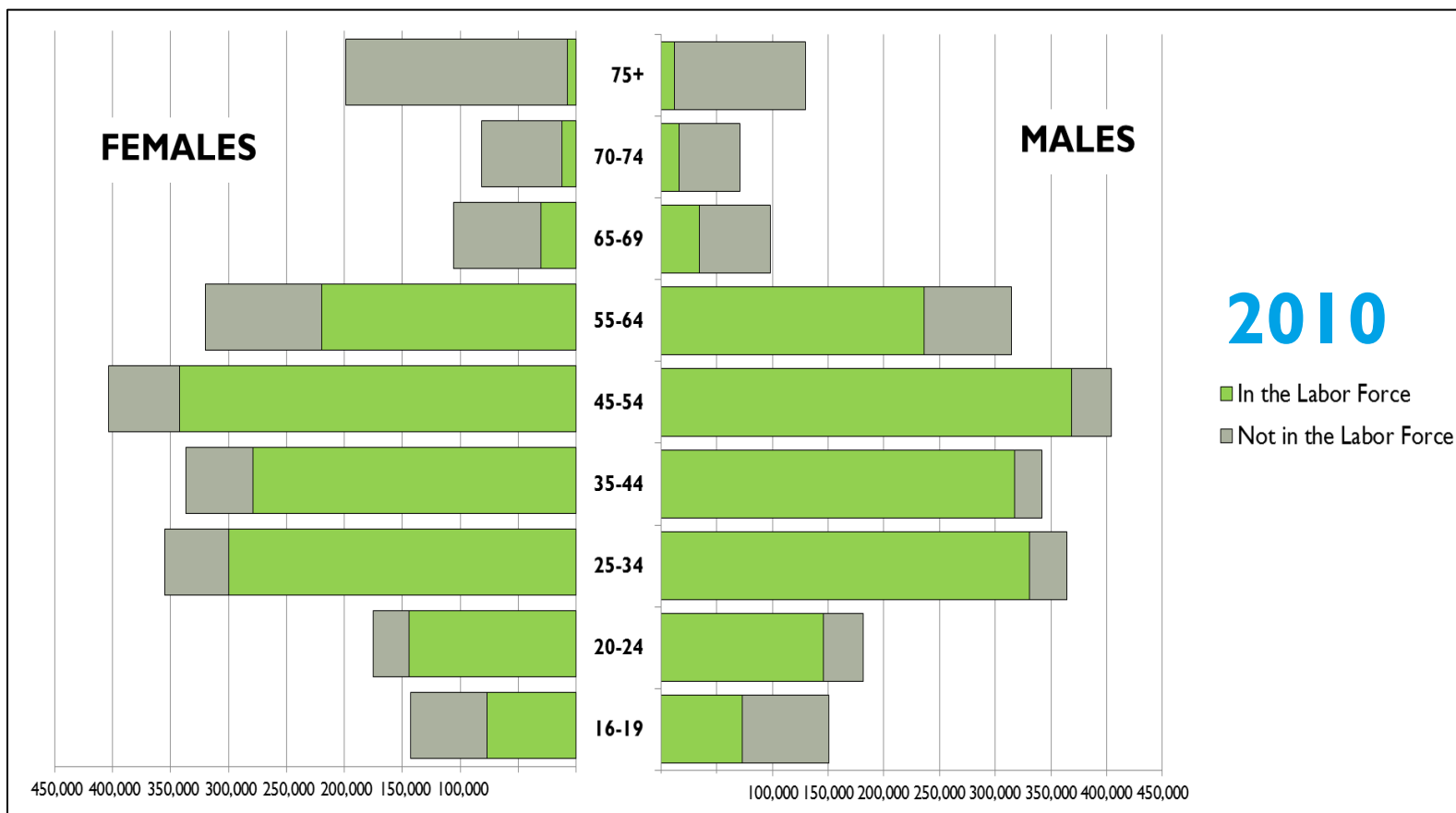
3 workers

We need to develop, retain, and attract human capital to compete economically



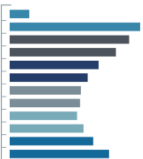
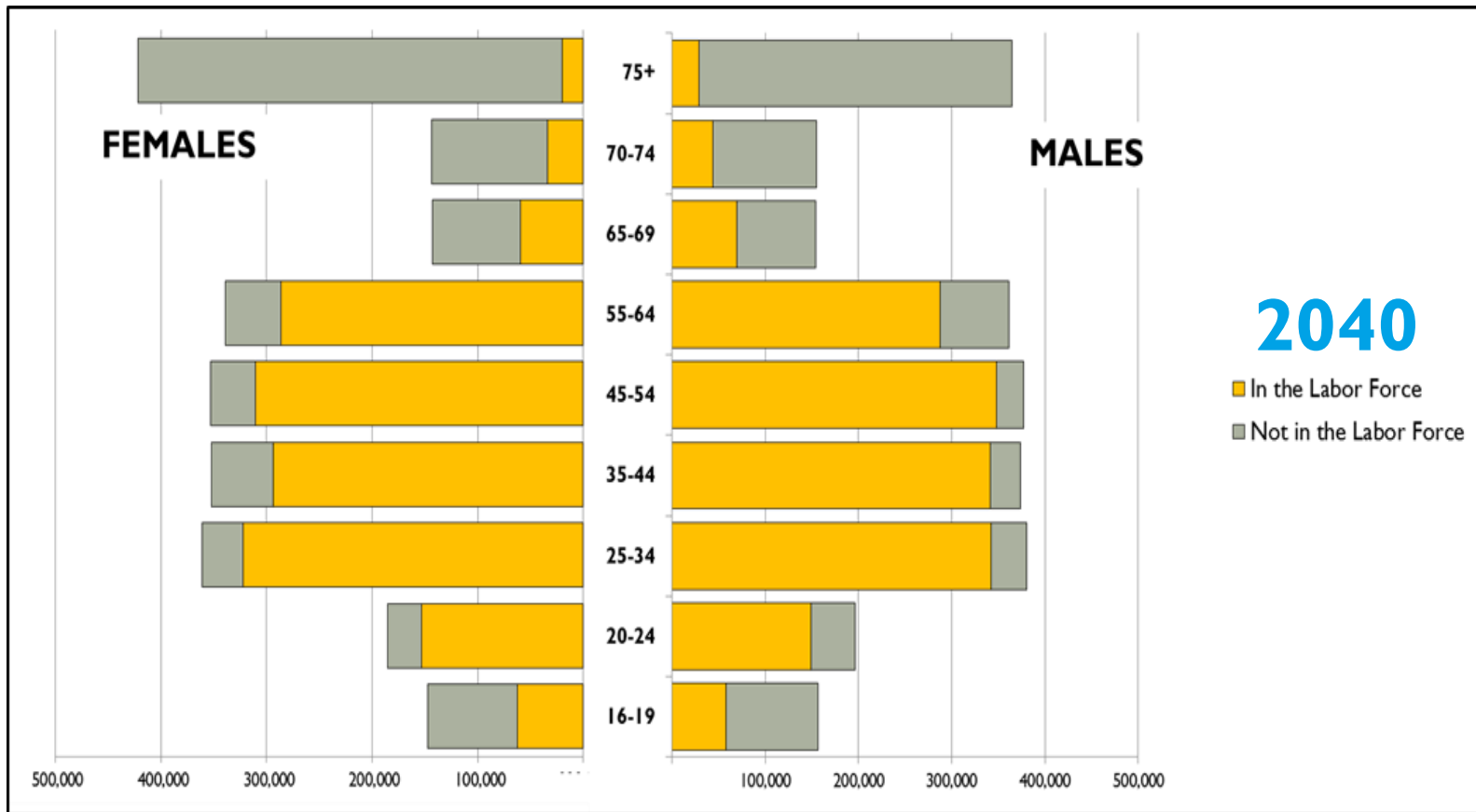


Population in and out of the labor force in 2010



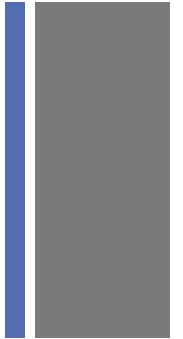


Population in and out of the labor force in 2040 (projected)

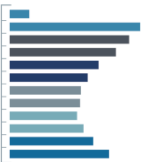




Challenges related to our aging population



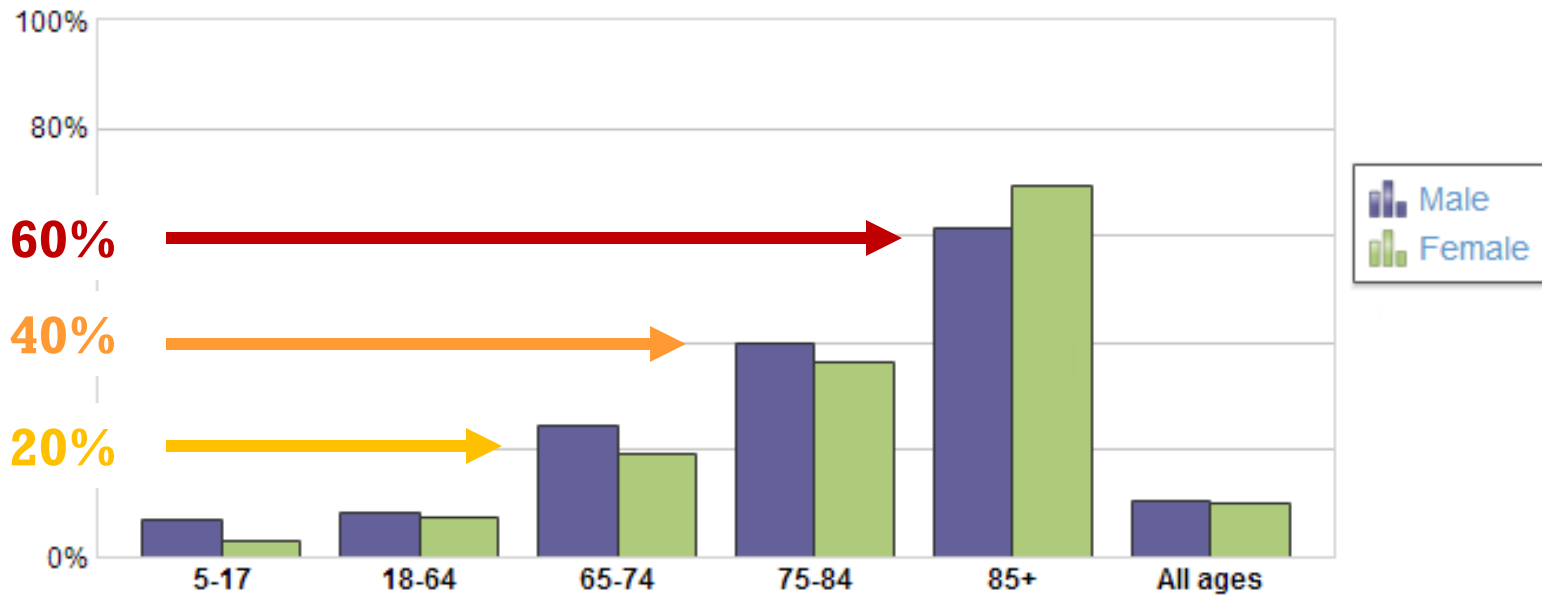
- Will we have the workers to form a strong, skilled, highly **productive labor force** as the Boomers retire — for economic growth, tax revenues for needed services, and maintaining a high quality of life in MN?
- Will we have or create sufficient **infrastructure** for more transportation, caregiving, health care, and social support needs, as **health challenges and disabilities increase**, especially when children live far away?
- Will we be able to **finance needed services**, especially long-term care? Private and public medical expenses will increase considerably.





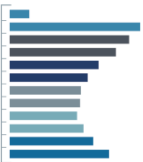
Aging brings rising rates of disability *among those living in the community*

Percent with a disability by gender and age
Minnesota, 2011



Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.

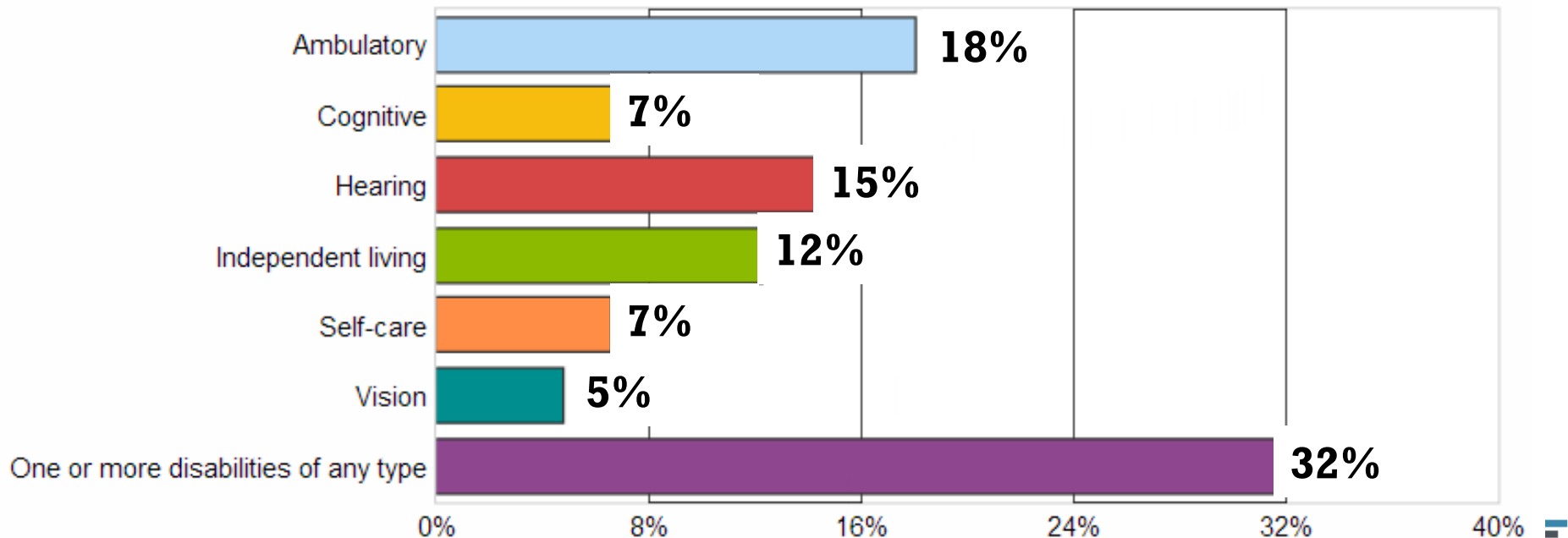




Types of disabilities among older adults *living in the community*



Individuals with a disability by type,
ages 65 and older
Minnesota, 2012



Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.

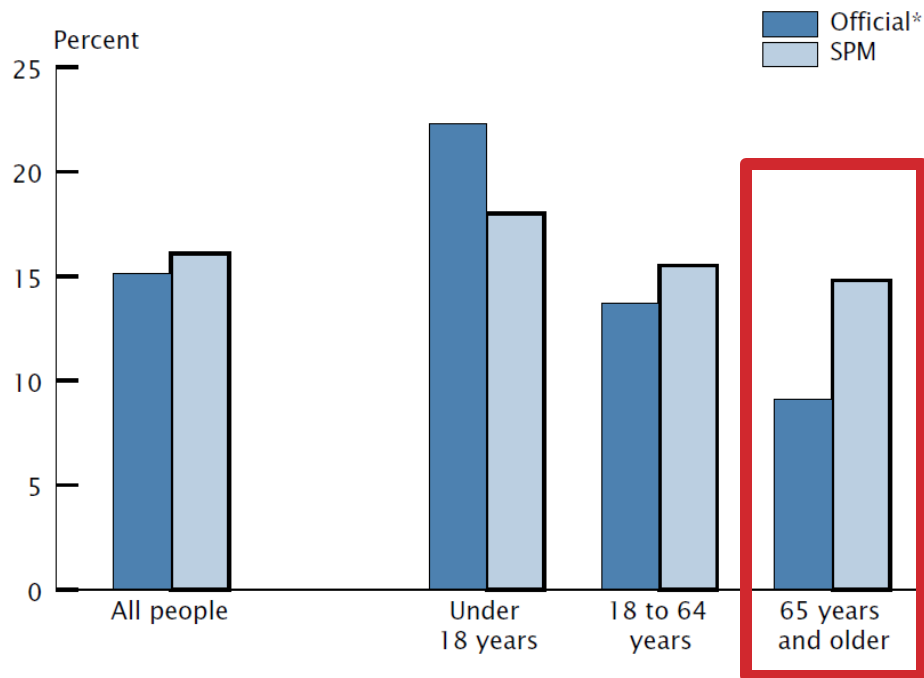


Compiled by
Compass



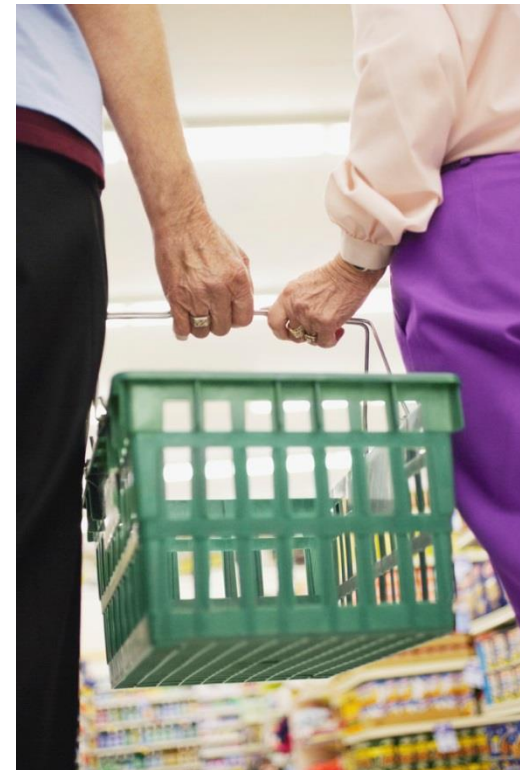
65+ more likely to experience true economic hardship than we thought

Figure 1.
Poverty Rates Using Two Measures for Total Population by Age Group: 2012

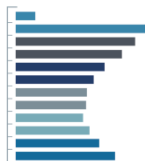


*Includes unrelated individuals under the age of 15.

Source: U.S. Census Bureau, Current Population Survey, 2013 Annual Social and Economic Supplement.



Source: U.S. Census Bureau,
November 2013, The Research
Supplemental Poverty Measure: 2012
Report P60-247

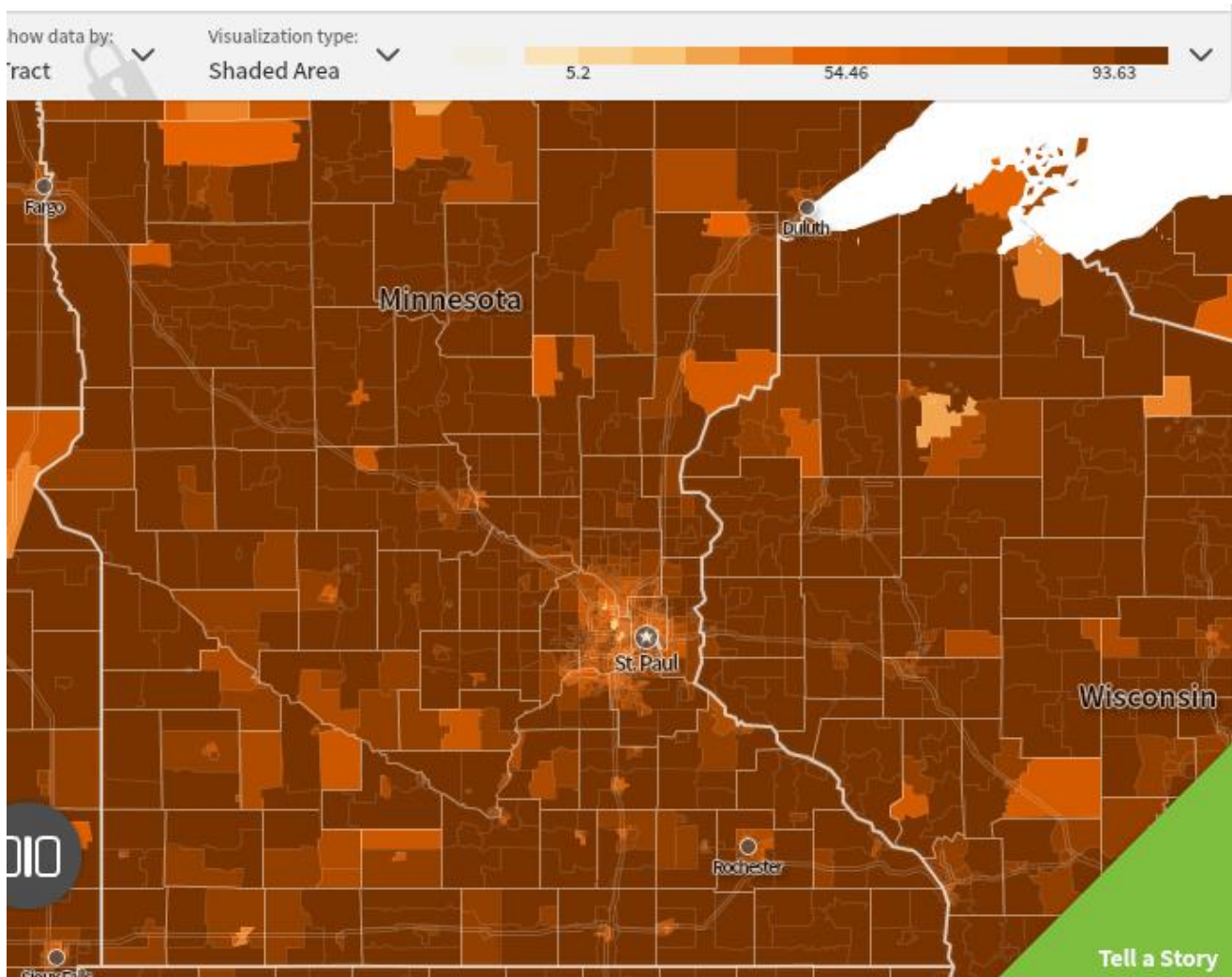




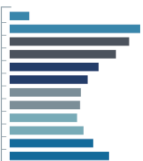
Diversity & Immigration



White, non-Hispanic population (higher % = darker), 2010



Source: Social Explorer

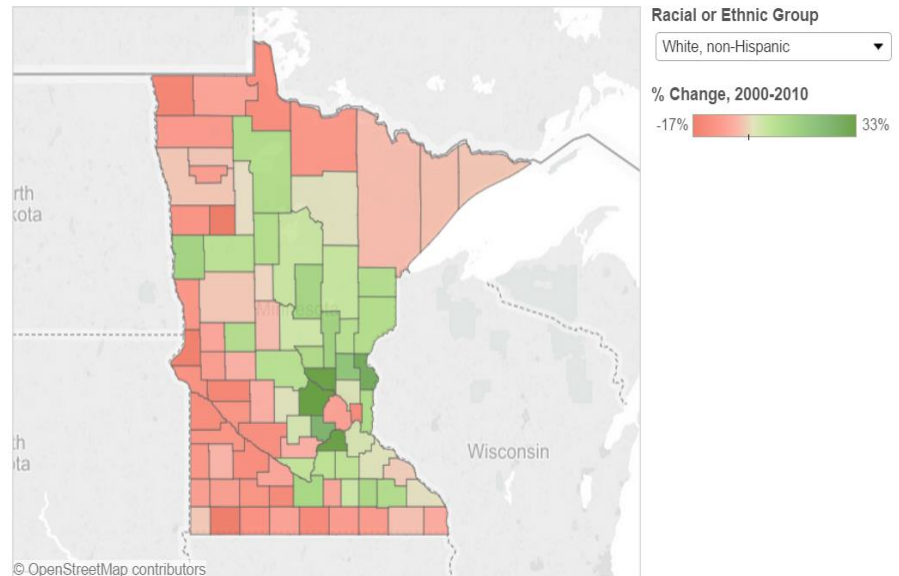
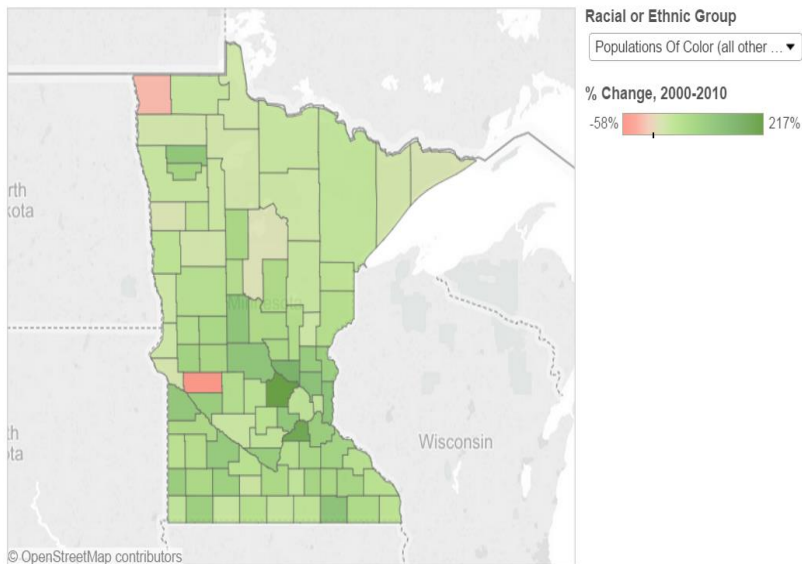




2000-2010: Populations of Color led growth in state

Population of Color:
Growth in all but 2 counties
statewide

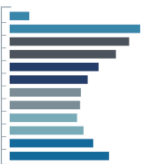
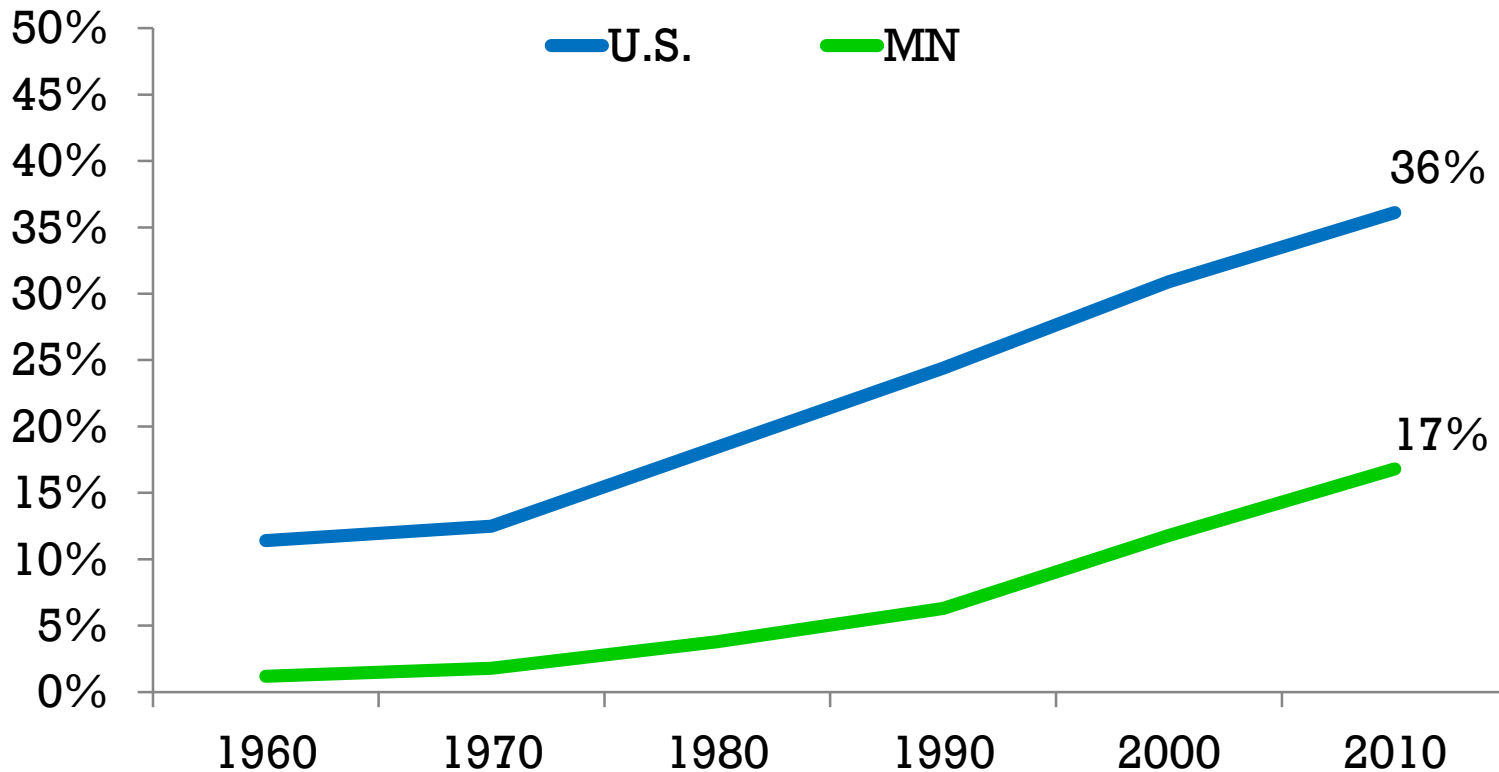
White, Non-Hispanic Population:
Growth in only 37 of 87 counties
statewide





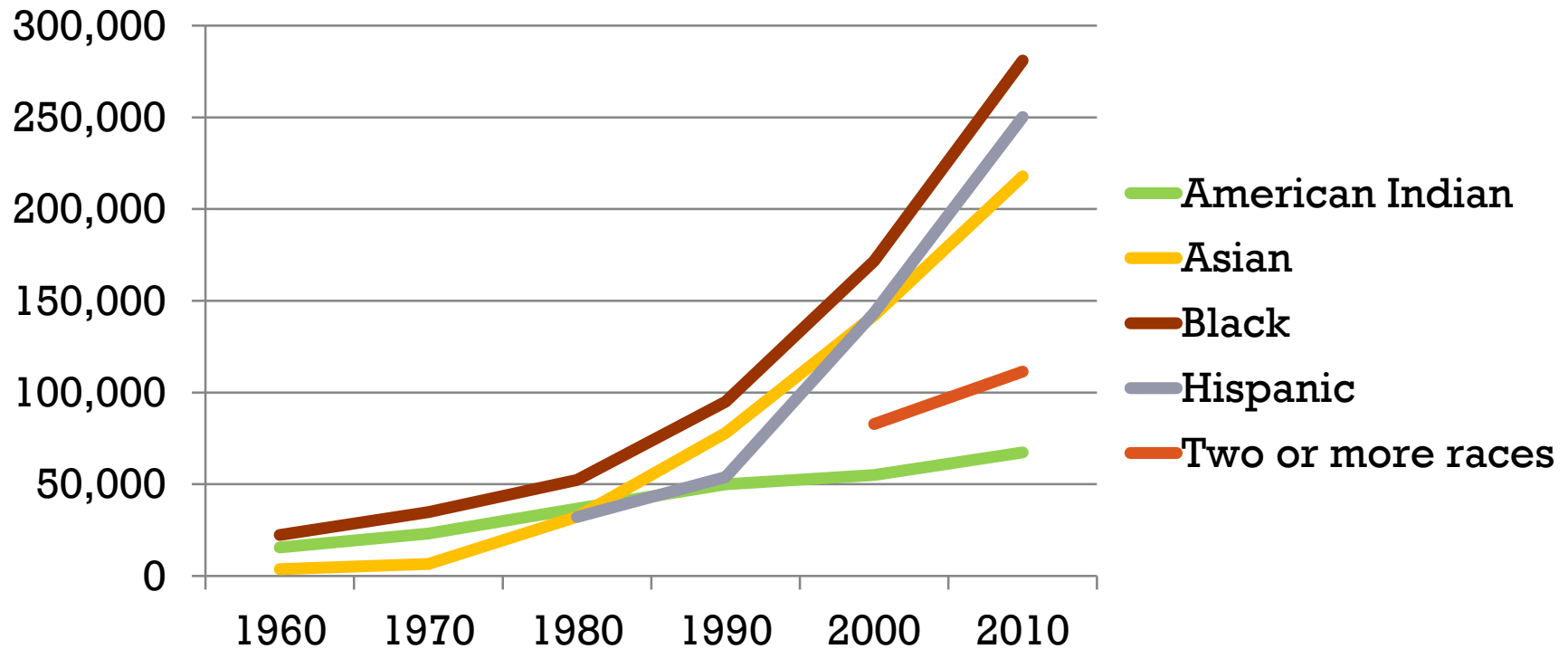
50 years of growing diversity in our state and nation

Percent Of Color, 1960-2010



Black, Latino and Asian populations growing rapidly in MN

Populations of color, MN

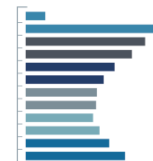
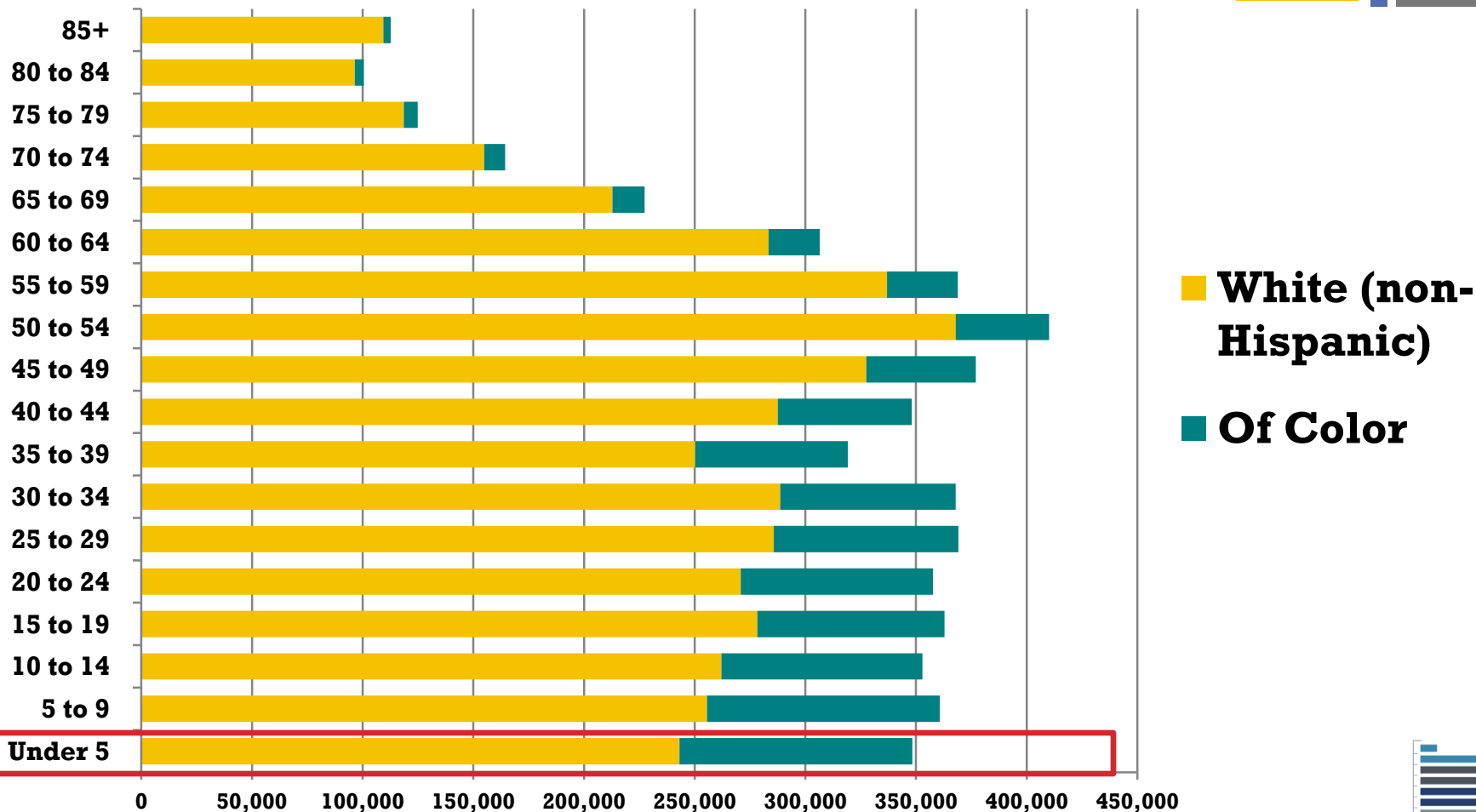


Source: Tabulated by the Minnesota State Demographic Center from the Integrated Public Use Microdata Series



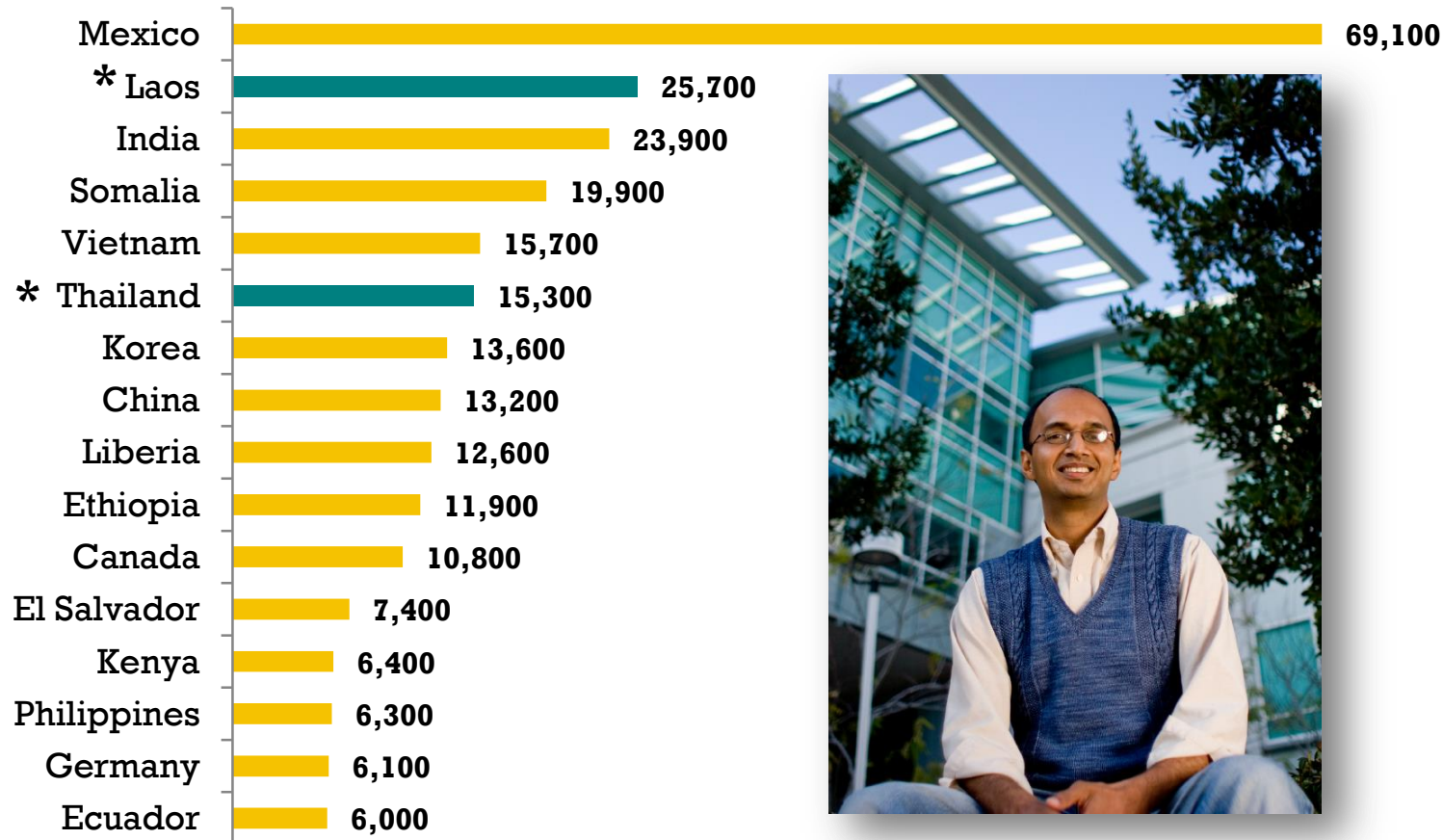


Minnesota's population by age groups, 2012



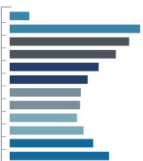


MN foreign-born population: Largest groups by country of birth, 2009-2011



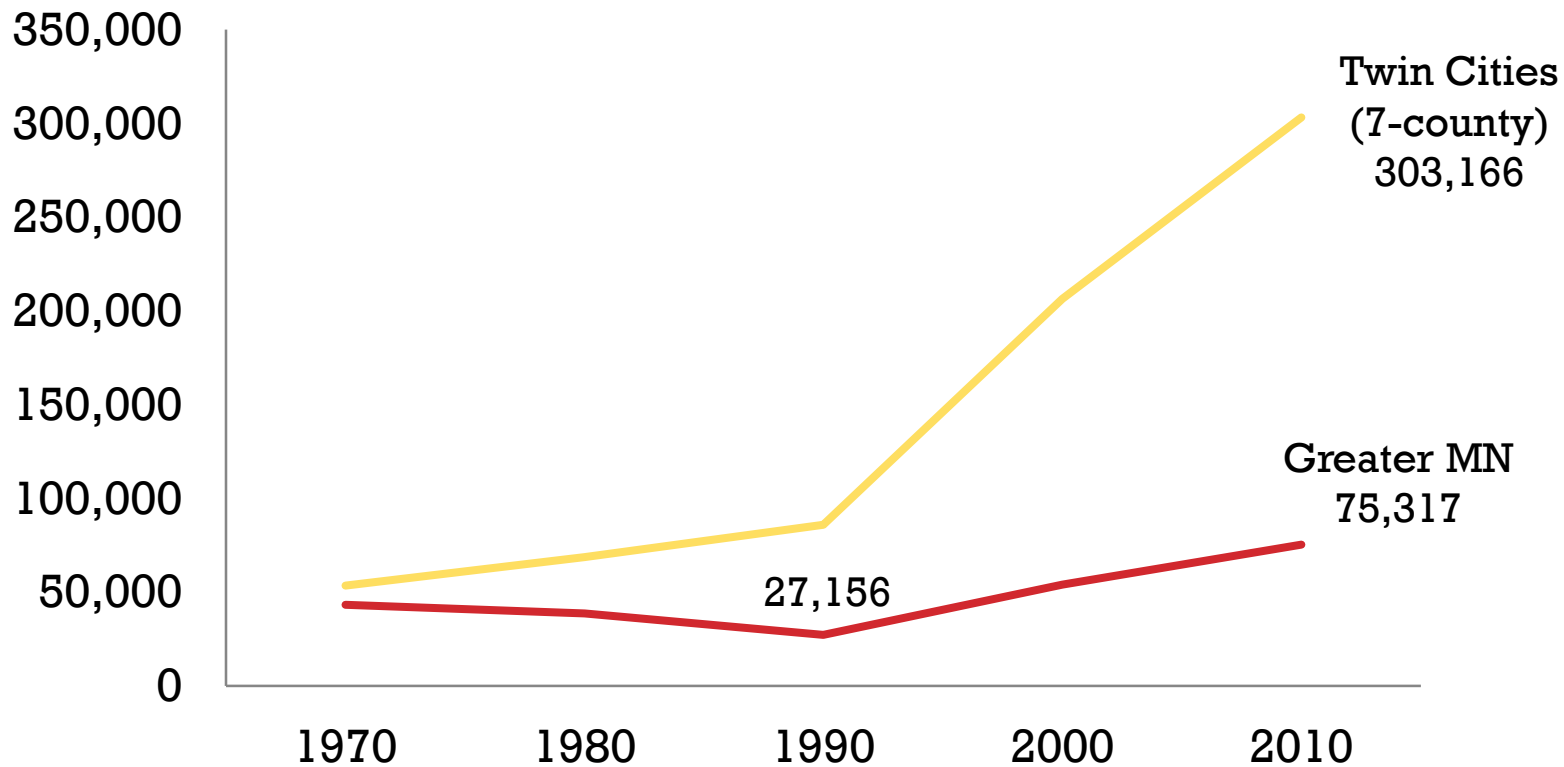
* Hmong represented

Source: U.S. Census Bureau,
2009-2011 American Community Survey

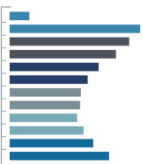


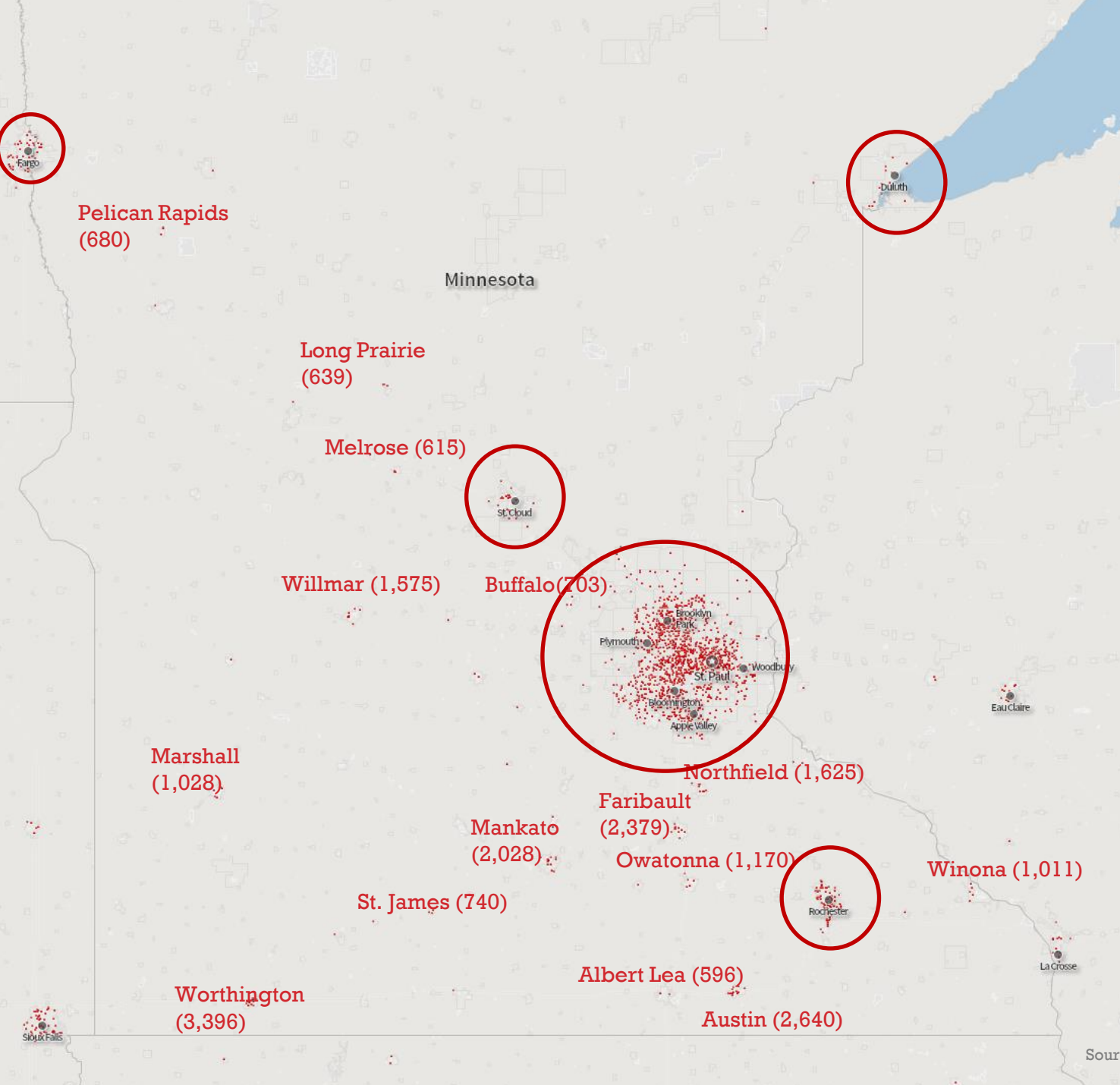
+ Growth of immigrant communities in Twin Cities and Greater Minnesota

Foreign-born residents, 1970-2010



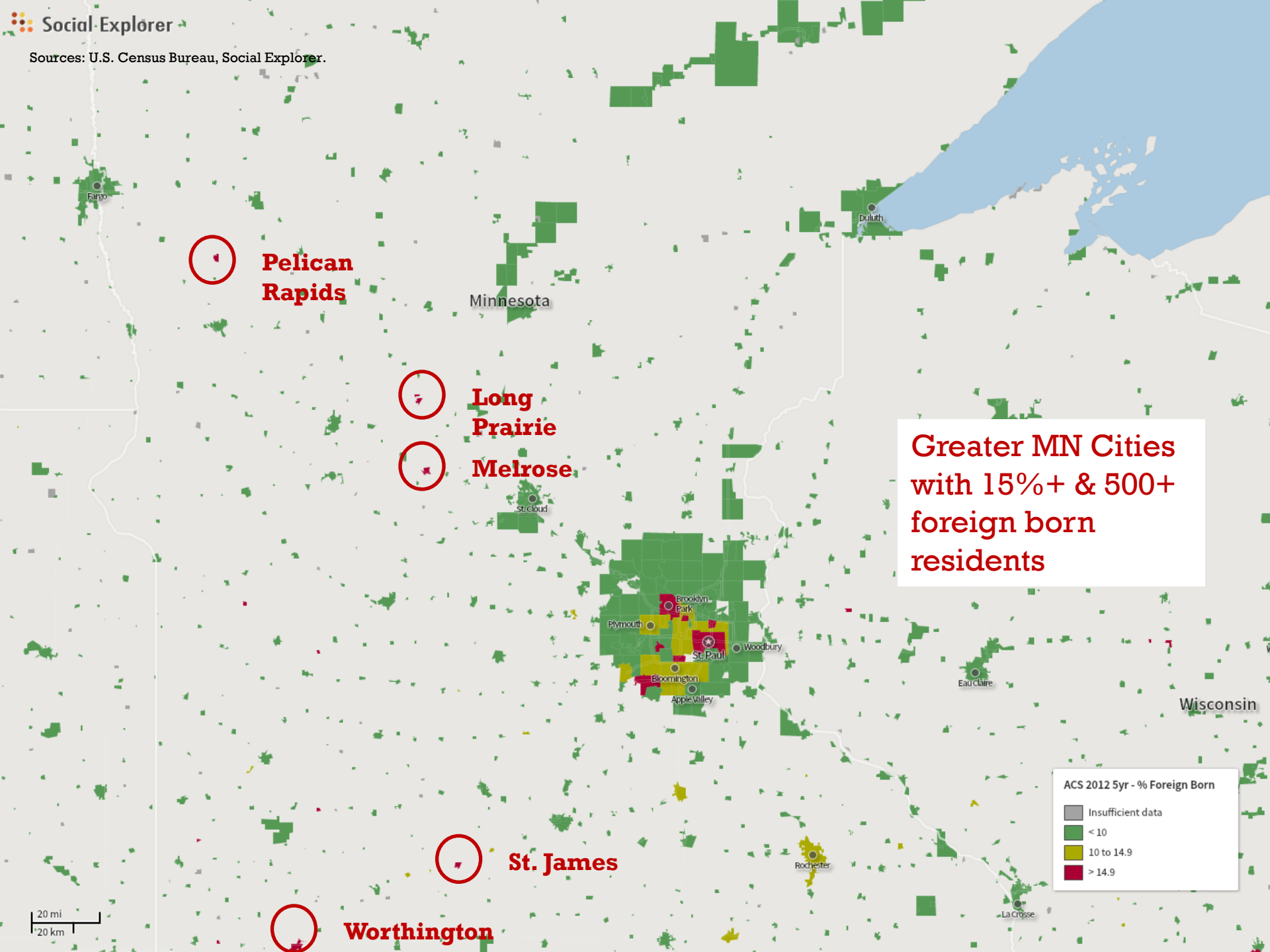
Source: U.S. Census Bureau, 1970-2010





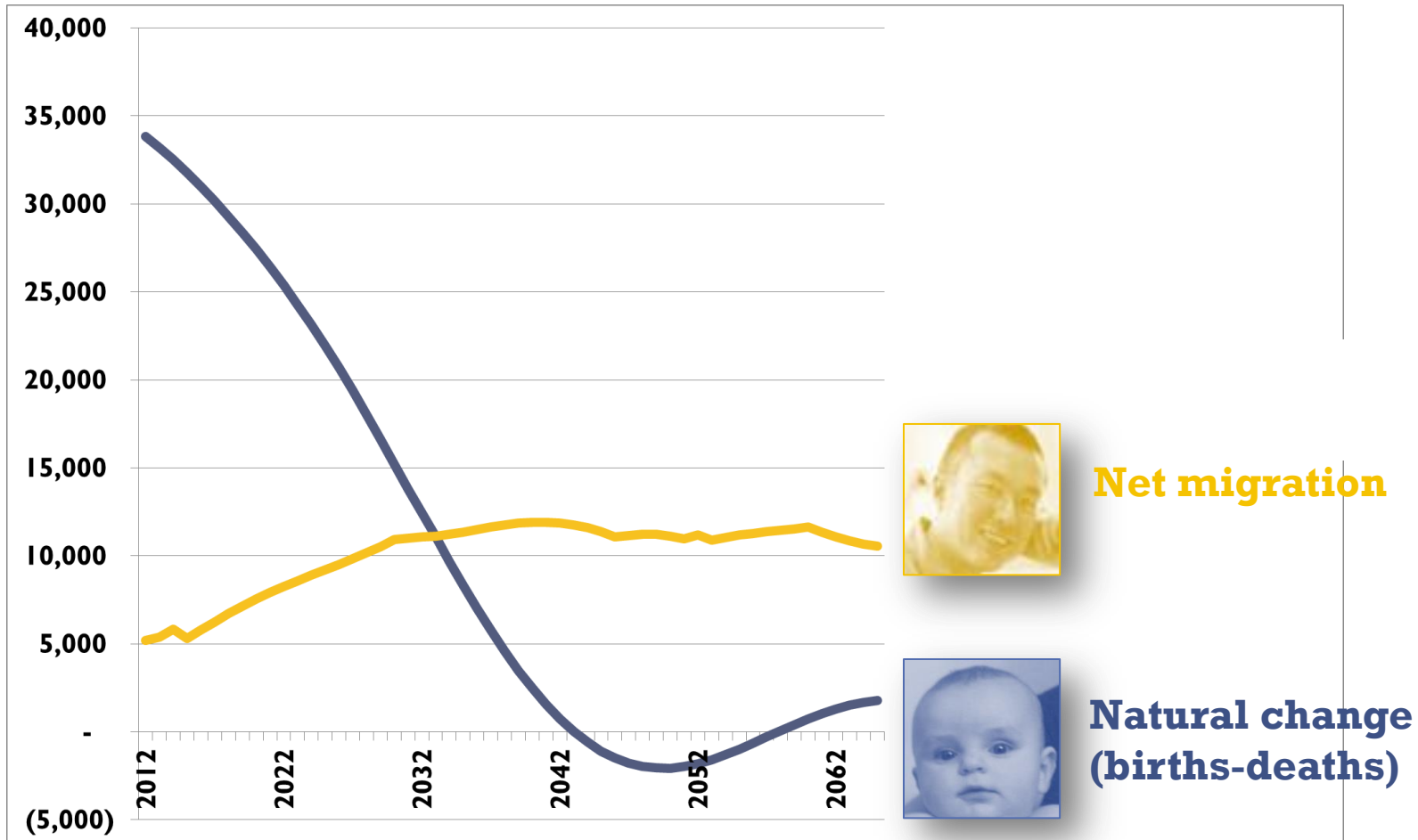
● One dot =
500 foreign-
born

Sources: U.S. Census Bureau, Social Explorer.

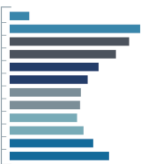




Net migration will become the major driver of our state's growth

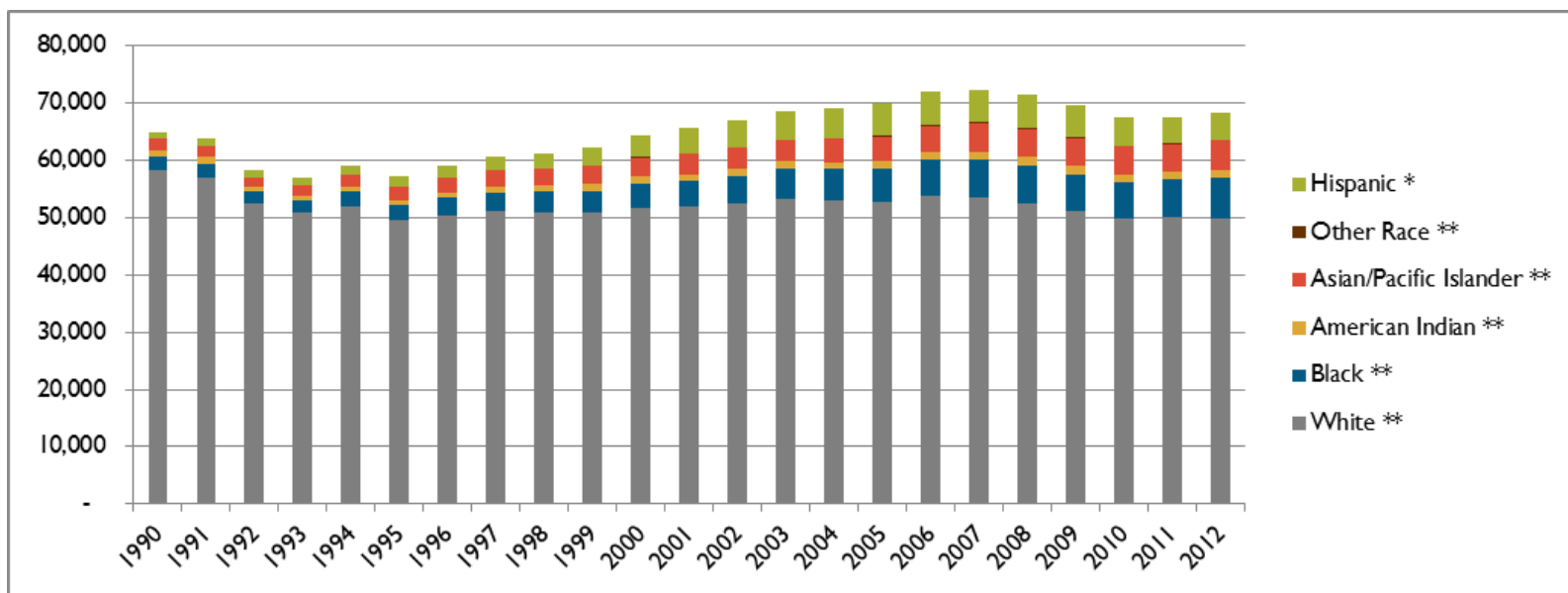


Source: MN State Demographic Center projections, October 2013.

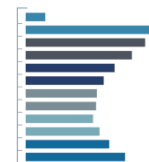




Births in Minnesota by race of the mother

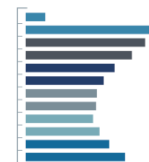
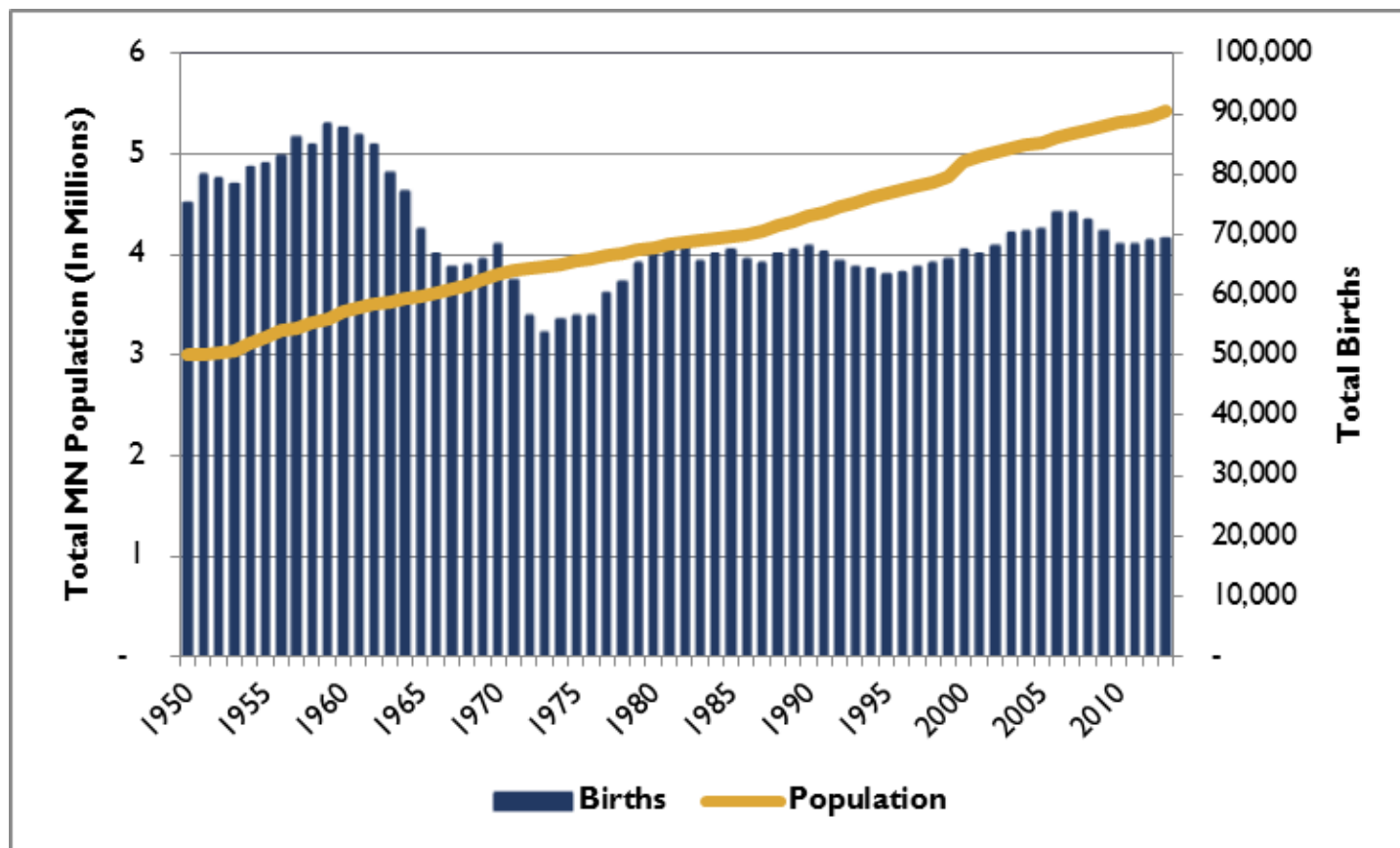


- Nearly all growth in births since 1995 is due to mothers who are races other than White (non-Hispanic)



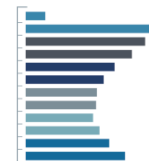
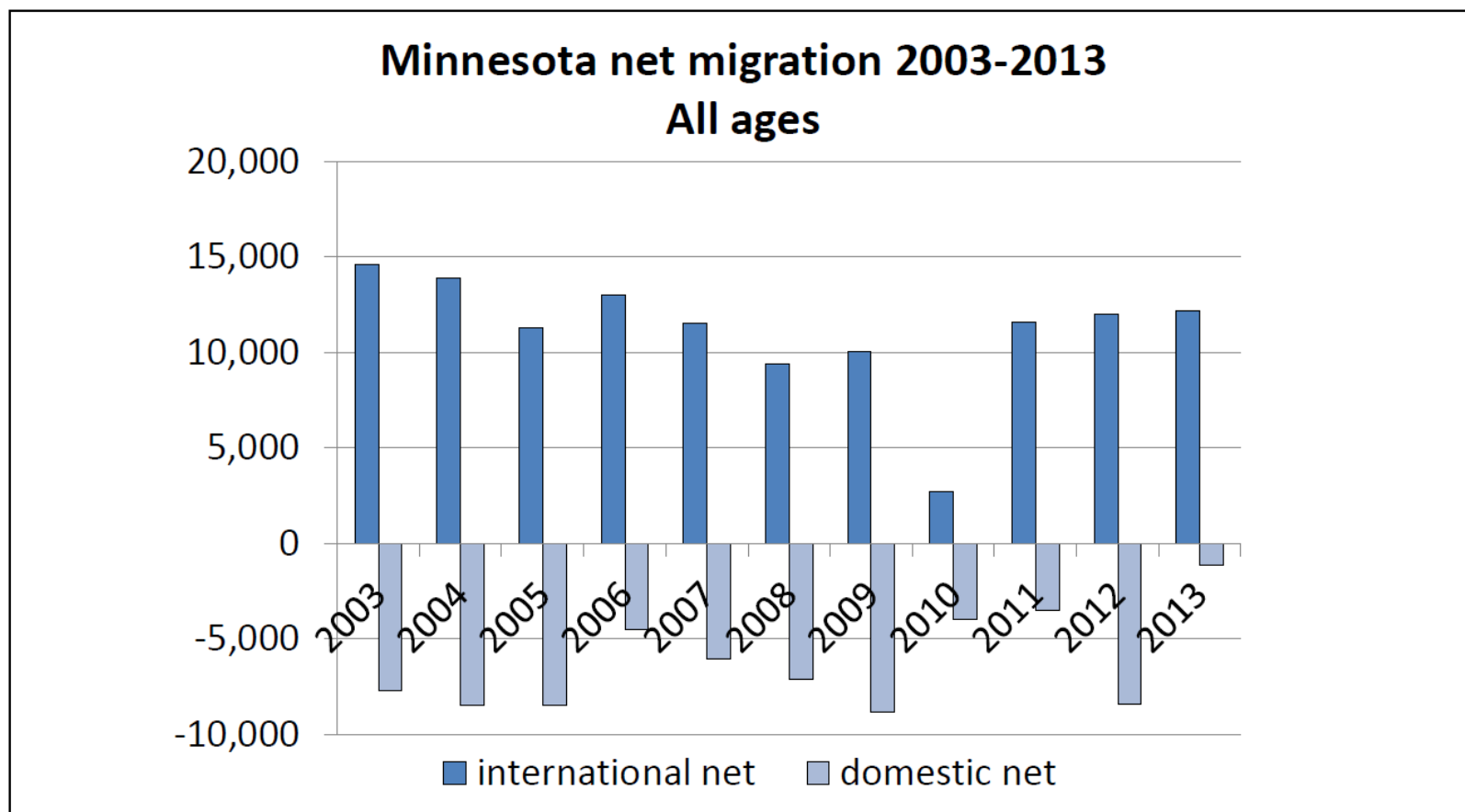


MN total population growth has outpaced growth in births





MN domestic migration has been negative every year of past decade

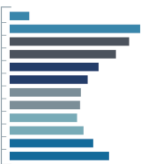




Migration trends

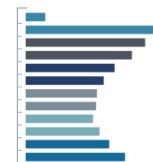
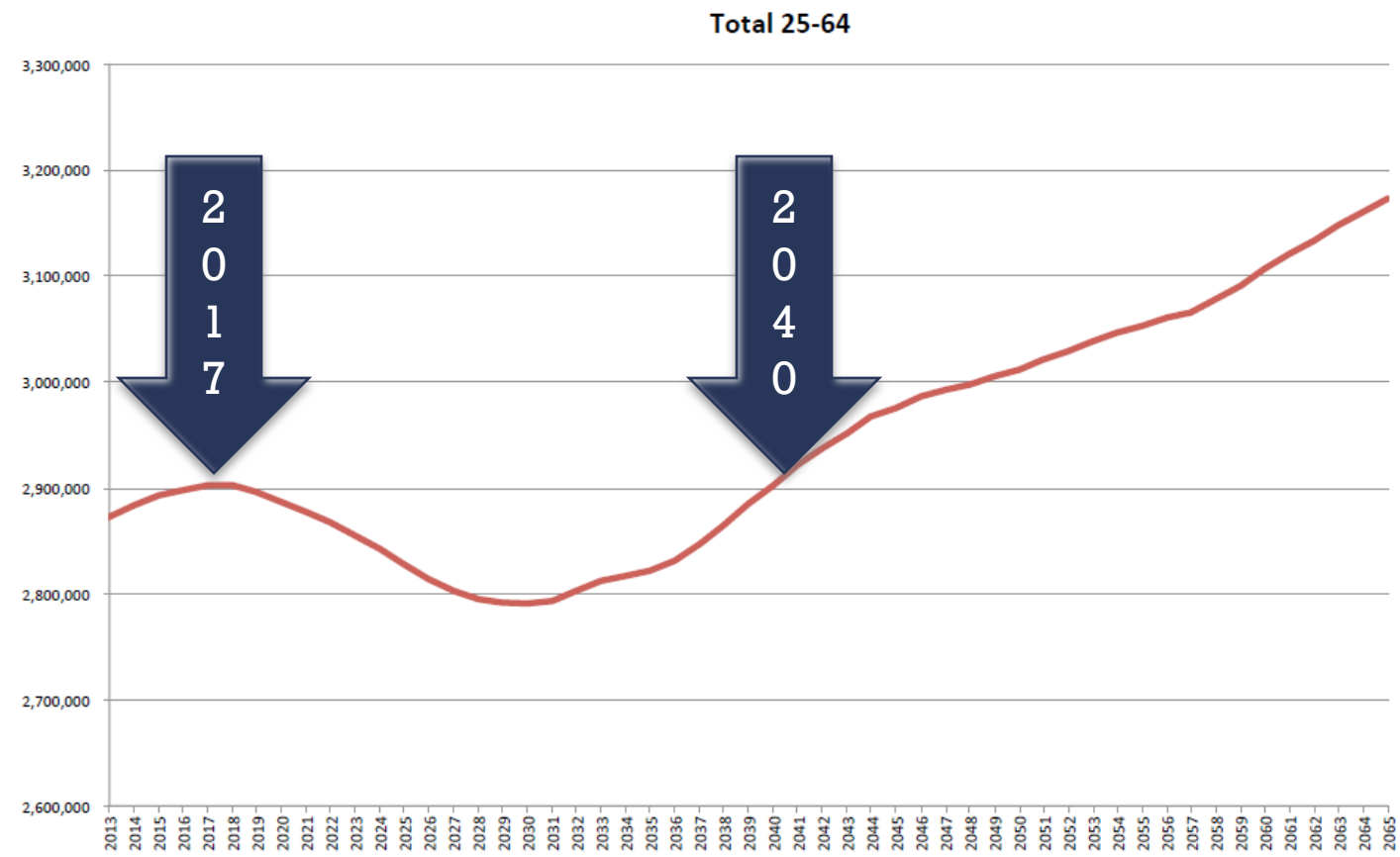
- During the past three years, Minnesota lost an average of about 4,400 residents per year (net) to domestic migration — i.e. Minnesotans heading to other states.
- It is only because of additional flows of about 12,000 international migrants that Minnesota experiences net gains about 8,000 people annually.

The same trend holds for the working-age population. Immigration is filling many labor force needs in Minnesota and will grow more important as more Boomers leave the labor force.



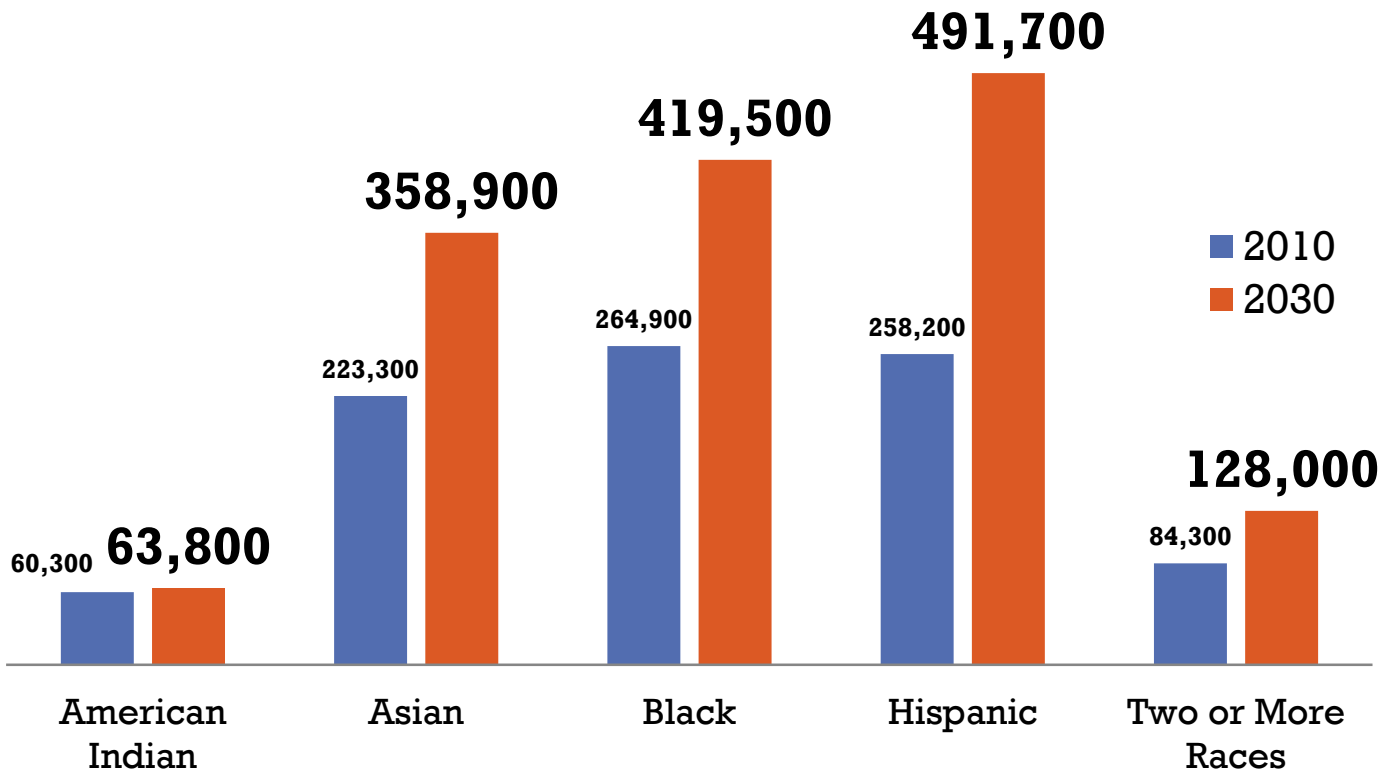


Total 25- to 64-year-olds in MN will dip by about 100,000 individuals

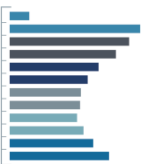




MN: Largest growth among Asian, Black and Hispanic groups by 2030



Source: Minnesota State Demographic Center projections.

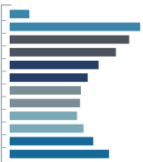




The future
will look
very
different
from today.

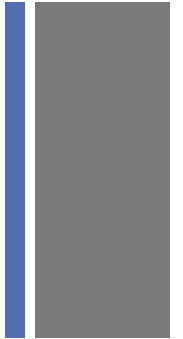
+ Take-away thoughts for all Minnesotans

- All areas of the state will feel effects of an aging population, **some places much more acutely**
- The **aging of our state** will create fierce debates about where to spend scarce public dollars
- Fewer workers relative to older adults puts a premium on **developing, retaining, and attracting skilled workers** — to fuel continued economic growth and to pay for needed public services
- **Poor educational, health and economic outcomes** for our fast-growing populations of color jeopardize our economic competitiveness and quality of life for all

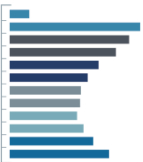




Four parting thoughts for leaders in Greater Minnesota

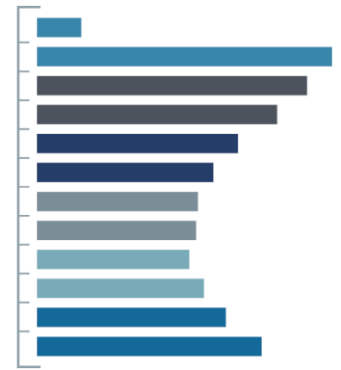


1. Immigration is a necessary part of our future if we are to grow and fuel the economy – more skilled hands and clever minds will be needed to shore up labor force as Boomers exit
2. Protect, strengthen and promote assets that make rural and Greater Minnesota attractive to newcomers and “boomerangs”
3. Consider new opportunities that become available to rural MN as the knowledge economy continues to take shape -- via broadband, etc.
4. Innovation and creativity will be necessary!





Stay in touch with the MN State Demographic Center

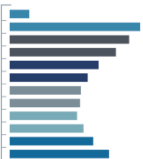




MN State Demographic Center online resources

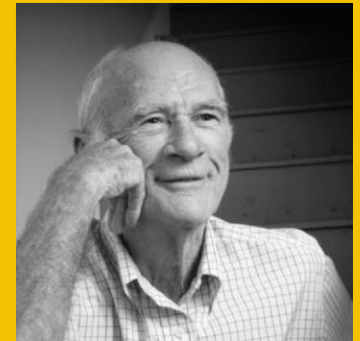
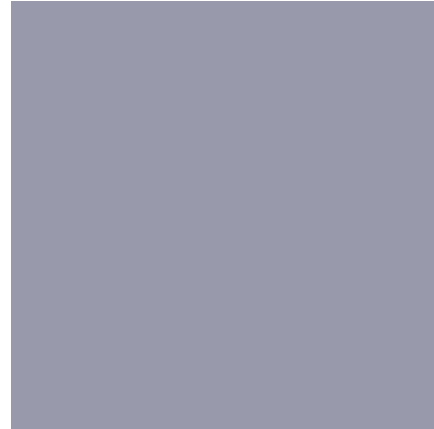
We just launched our new website at
mn.gov/demography

- Locate more data, more efficiently
- New interactive maps and data visualizations
- Featuring a new blog, guidance for data users, and more
- Follow us on Twitter at [@MN_StateData](https://twitter.com/MN_StateData)



+ Questions?
Comments?

Thank you!



Andi Egbert

andi.egbert@state.mn.us

651-201-2474